

Converting Colors

XYZ(72.8416, 88.8658, 93.6429)

Have a look what the booklet for
XYZ(72.8416, 88.8658, 93.6429)
contains.

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Color

**XYZ(72.7843, 88.8409,
93.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFED
RGB	192, 255, 237
RGB Percent	75%, 100%, 93%
CMY	0.2470, 0.0000, 0.0706
CMYK	0.25, 0.00, 0.07, 0.00
HSL	163°, 100%, 88%
HSV	163°, 25%, 100%
XYZ	72.7843, 88.8409, 93.4326
YIQ	234.1110, -31.7700, -18.9540

Conversions

Conversions Part 2

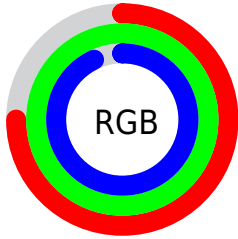
Format	Color
RYB	192, 229, 255
Decimal	12648429
CIELab	95.51, -23.22, 2.21
CIElCh	96, 23.326, 174.559
Yxy	88.8409, 0.2854, 0.3483
Android (android.graphics.Color)	4290838509 (0xFFC0FFED)
YUV	234.1110, 1.4243, -36.9313
Hunter-Lab	94.2555, -27.1089, 7.2064

Details

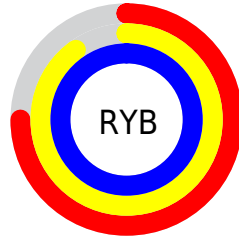
The XYZ color **72.7843, 88.8409, 93.4326** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.7231, 63.6136, 69.4717**, and the grayscale version is **78.2974, 82.3749, 89.7063**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **38.8511, 49.0427, 51.1346** is the 20% darker color. If you saturate the color by 10%, you get **65.8346, 85.3787, 87.6643**, and if you desaturate by 10%, it is **80.8977, 92.8980, 99.4840**.

Distribution



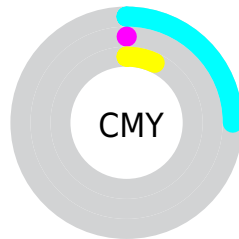
- Red (75%)
- Green (100%)
- Blue (93%)



- Red (75%)
- Yellow (90%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7843, 88.8409, 93.4326 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.7843, 88.8409, 93.4326 by changing the saturation by 10% instead.


 72.7843, 88.8409,
93.4326

 72.7843, 88.8409,
93.4326


459.3823,
524.2531, 559.9905

 54.0874, 67.0197,
70.2415


 122.1757,
145.7273, 154.0743

 38.9025, 49.1006,
51.2454


153.6009,
181.5613, 192.3619

 26.8642, 34.6993,
36.0258


189.9996,
222.8350, 236.5188

 17.6073, 23.4313,
24.1643


231.7371,
269.9328, 286.9634

 10.7664, 14.9123,
15.2422

279.1787,
323.2391, 344.1143

 5.9761, 8.7579,
8.8411

332.6899,

 2.8711, 4.5836,

383.1384, 408.3901

4.5423

392.6360,
450.0149, 480.2093

■ 1.0860, 2.0051,
1.9273

■ 0.0133, 0.6104,
0.5100

■ 72.7843, 88.8409,
93.4326

■ 72.7843, 88.8409,
93.4326

■ 65.8346, 85.3787,
87.6643

■ 80.8977, 92.8980,
99.4840

■ 59.9877, 82.4800,
82.1693

■ 90.2260, 97.5763,
105.8193

■ 55.1810, 80.1128,
76.9434

95.0500, 100.0000,
108.9000

■ 51.3447, 78.2410,
71.9806

■ 48.3999, 76.8240,
67.2744

■ 46.2549, 75.8146,
62.8178

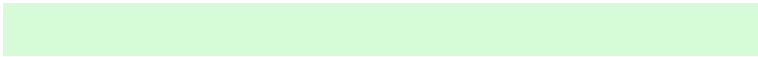
■ 44.7969, 75.1548,
58.6024

■ 44.2187, 74.9035,
56.4631

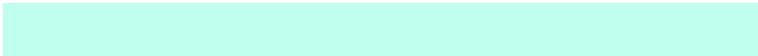
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8158, 88.8409, 77.7198



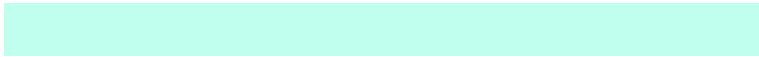
72.7843, 88.8409, 93.4326



73.7456, 88.8409, 112.1163

Triad

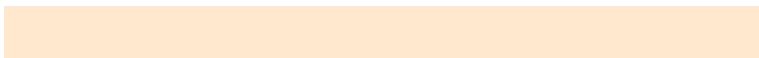
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7843, 88.8409, 93.4326



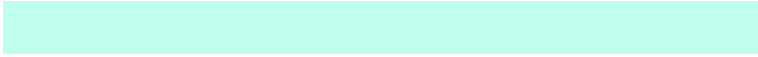
89.6539, 88.8409, 132.4184



91.7716, 88.8409, 70.7905

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



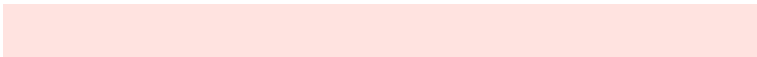
72.7843, 88.8409, 93.4326



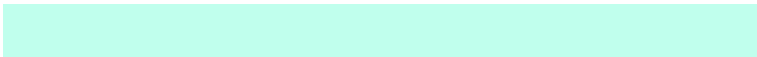
71.7231, 63.6136, 69.4717

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1226, 88.8409, 82.8248



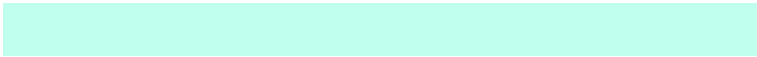
72.7843, 88.8409, 93.4326



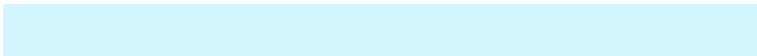
94.8574, 88.8409, 118.6180

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



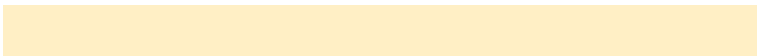
72.7843, 88.8409, 93.4326



83.2803, 88.8409, 136.1848



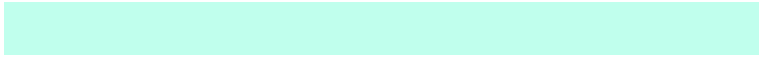
97.2794, 88.8409, 100.1095



85.6116, 88.8409, 65.7465

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



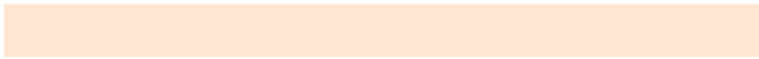
72.7843, 88.8409, 93.4326



75.9806, 88.8409, 123.5982



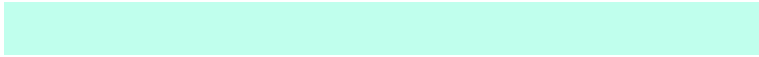
97.2794, 88.8409, 100.1095



93.5064, 88.8409, 74.0727

Sweetspot

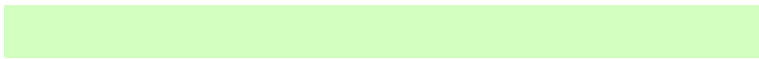
The Sweet Spot groups the original color and five complimentary colors.



72.7852, 88.8413, 93.4341



87.9748, 96.4462, 104.3398



72.1105, 89.1603, 63.2797



18.7059, 20.5811, 22.2503



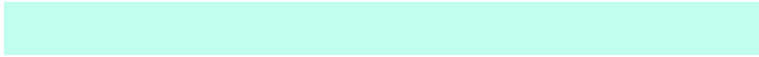
0.0000, 0.0000, 0.0000



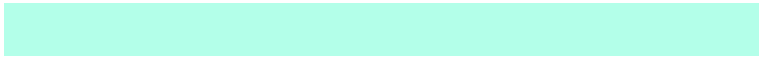
20.3446, 21.4041, 23.3091

Same Dimension

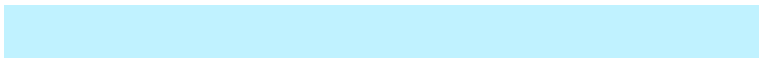
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7852, 88.8413, 93.4341



68.9636, 86.9357, 90.3443



71.6603, 82.1697, 106.6912



18.3206, 20.3878, 21.9912



23.1728, 39.1657, 29.8591



2.3034, 3.8323, 3.1555

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.7231, 63.6136, 69.4717



67.7270, 57.4869, 62.3883



72.4910, 68.5384, 59.2792



18.2227, 18.0724, 19.7900



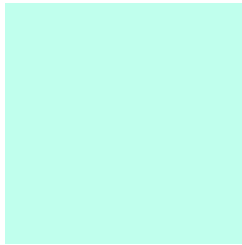
22.2298, 11.3812, 4.5944



2.2091, 1.1260, 0.6824

Previews

White Background



This preview shows how the XYZ color 72.7843, 88.8409, 93.4326 looks on a white background.

Color Contrast Check

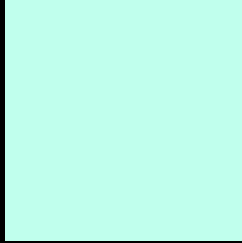
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.7843, 88.8409, 93.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

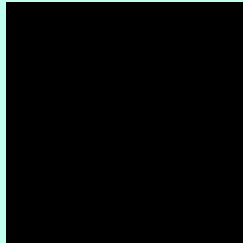
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

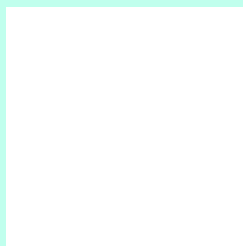
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7843, 88.8409, 93.4326

Background



This preview shows how black text looks on a background with the XYZ color 72.7843, 88.8409, 93.4326.



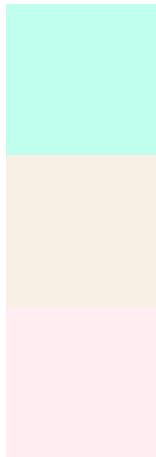
This preview shows how white text looks on a background with the XYZ color 72.7843, 88.8409,

93.4326.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.7843, 88.8409, 93.4326

Protanopia

84.3699, 88.1171, 86.6903

Deuteranopia

87.4014, 88.1792, 95.6328



Tritanopia

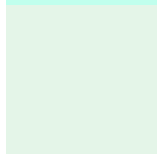
81.1338, 88.2128, 107.3583

Trichromacy



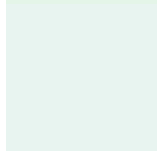
Original Color

72.7843, 88.8409, 93.4326



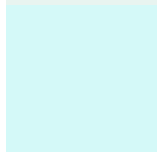
Protanomaly

79.2128, 87.6250, 89.0823



Deuteranomaly

81.3576, 88.1484, 95.1644



Tritanomaly

77.9703, 88.5257, 101.7846

Monochromacy



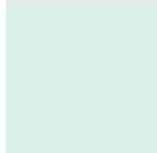
Original Color

72.7843, 88.8409, 93.4326



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.9609, 84.5625, 90.9159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7843, 88.8409, 93.4326 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 72.7843, 88.8409, 93.4326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 255, 237) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 255, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7843, 88.8409, 93.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
255, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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