

Converting Colors

XYZ(72.4237, 85.7691, 96.4545)

Have a look what the booklet for
XYZ(72.4237, 85.7691, 96.4545)
contains.

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Color

**XYZ(72.4084, 85.7643,
96.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F9F2
RGB	195, 249, 242
RGB Percent	76%, 98%, 95%
CMY	0.2353, 0.0235, 0.0510
CMYK	0.22, 0.00, 0.03, 0.02
HSL	172°, 82%, 87%
HSV	172°, 22%, 98%
XYZ	72.4084, 85.7643, 96.7422
YIQ	232.0560, -29.9370, -13.6250

Conversions

Conversions Part 2

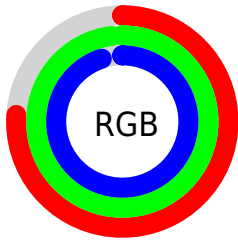
Format	Color
R _Y B	195, 224, 249
Decimal	12843506
CIE Lab	94.21, -18.40, -2.25
CIE LCh	94, 18.533, 186.979
Yxy	85.7643, 0.2840, 0.3364
Android (android.graphics.Color)	4291033586 (0xFFC3F9F2)
YUV	232.0560, 4.9024, -32.4981
Hunter-Lab	92.6090, -22.5016, 2.8902

Details

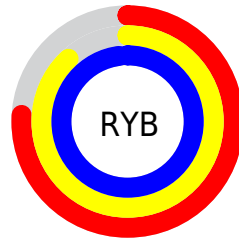
The XYZ color **72.4084, 85.7643, 96.7422** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.2458, 63.4366, 64.4757**, and the grayscale version is **76.7262, 80.7219, 87.9062**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **38.5278, 46.8199, 53.4609** is the 20% darker color. If you saturate the color by 10%, you get **66.0233, 82.5304, 93.9354**, and if you desaturate by 10%, it is **79.8798, 89.5617, 99.6482**.

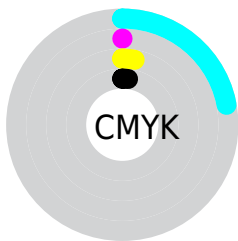
Distribution



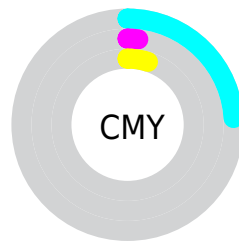
- Red (76%)
- Green (98%)
- Blue (95%)



- Red (76%)
- Yellow (88%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)




- Cyan (24%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4084, 85.7643, 96.7422 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 72.4084, 85.7643, 96.7422 by changing the saturation by 10% instead.


 72.4084, 85.7643,
96.7422

 72.4084, 85.7643,
96.7422


458.0974,
514.1537, 570.8537

 53.7790, 64.4731,
72.9810


 121.6447,
141.4405, 158.6856

 38.6550, 47.0340,
53.4687


152.9822,
176.5943, 197.7048

 26.6709, 33.0625,
37.7868

189.2866,
217.1378, 242.6471

 17.4616, 22.1743,
25.5167

230.9231,
263.4553, 293.9310

 10.6615, 13.9850,
16.2399

278.2571,
315.9312, 351.9751

 5.9053, 8.1103,
9.5379

331.6539,

 2.8277, 4.1656,

374.9500, 417.1979

4.9921

391.4789,
440.8961, 490.0179

■ 1.0633, 1.7666,
2.1840

■ 0.0000, 0.4662,
0.6651

■ 72.4084, 85.7643,
96.7422

■ 72.4084, 85.7643,
96.7422

■ 66.0233, 82.5304,
93.9354

■ 79.8798, 89.5617,
99.6482

■ 60.6639, 79.8221,
91.2193

■ 88.4797, 93.9375,
102.6501

■ 56.2749, 77.6132,
88.5929

■ 92.6387, 96.0231,
105.4893

■ 52.7930, 75.8707,
86.0529

■ 93.1541, 96.2292,
108.2034

■ 50.1469, 74.5583,
83.5958

■ 93.1672, 96.2345,
108.2724

■ 48.2549, 73.6336,
81.2176

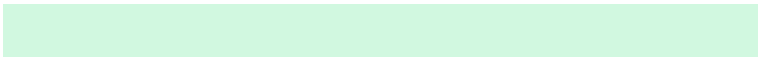
■ 47.0187, 73.0460,
78.9135

■ 46.3643, 72.7493,
77.0483

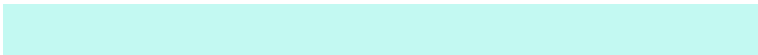
Harmonies

Analogous

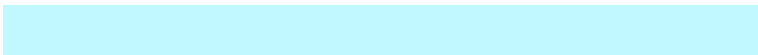
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0471, 85.7643, 83.0996



72.4084, 85.7643, 96.7422



74.1298, 85.7643, 110.8017

Triad

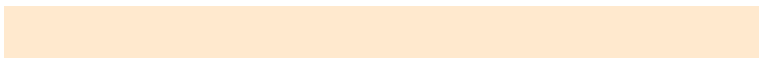
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4084, 85.7643, 96.7422



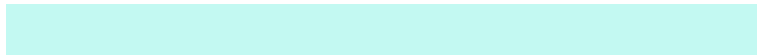
87.3910, 85.7643, 116.9554



85.3047, 85.7643, 70.4249

Complementary

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



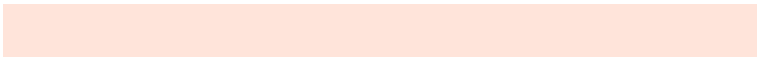
72.4084, 85.7643, 96.7422



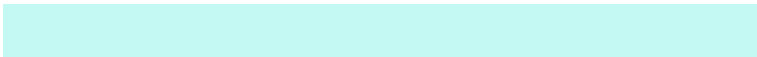
69.2458, 63.4366, 64.4757

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.



89.3780, 85.7643, 77.8923



72.4084, 85.7643, 96.7422



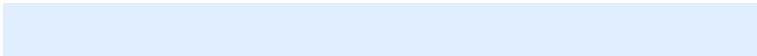
90.6163, 85.7643, 104.4810

Square

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



72.4084, 85.7643, 96.7422



82.6811, 85.7643, 123.2144



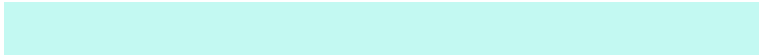
91.3578, 85.7643, 90.1020



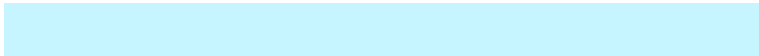
80.3626, 85.7643, 68.8023

Rectangle

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



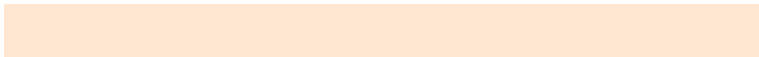
72.4084, 85.7643, 96.7422



76.4270, 85.7643, 118.2175



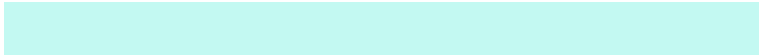
91.3578, 85.7643, 90.1020



86.8269, 85.7643, 72.2951

Sweetspot

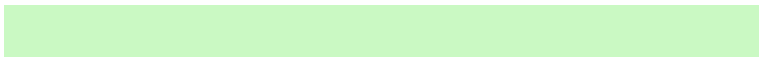
The Sweet Spot groups the original color and five complimentary colors.



72.4109, 85.7678, 96.7441



88.4146, 96.6222, 106.6557



68.1399, 84.2796, 64.3076



18.8080, 20.6219, 22.7878



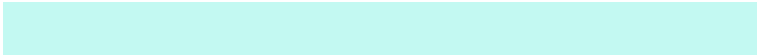
0.0000, 0.0000, 0.0000



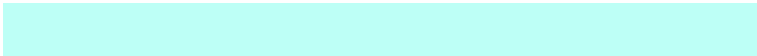
20.3446, 21.4041, 23.3091

Same Dimension

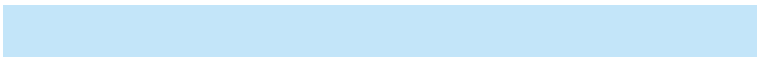
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4109, 85.7678, 96.7441



73.3682, 88.9790, 100.8203



67.6819, 74.5940, 100.4575



17.6632, 19.5676, 21.6932



24.8546, 38.9549, 41.4393



2.3281, 3.6184, 3.9757

Inverse Universe

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



69.2458, 63.4366, 64.4757



69.4854, 61.5712, 61.2247



73.1698, 72.5818, 61.7846



17.3362, 17.2618, 18.3603



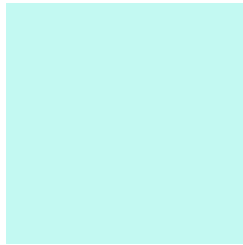
21.0817, 10.8484, 1.8729



1.9803, 1.0159, 0.3196

Previews

White Background



This preview shows how the XYZ color 72.4084, 85.7643, 96.7422 looks on a white background.

Color Contrast Check

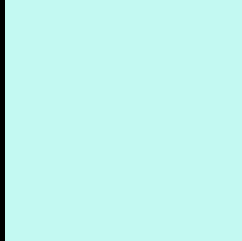
Large Text (above 18pt) WCAG AA × Fail

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 72.4084, 85.7643, 96.7422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

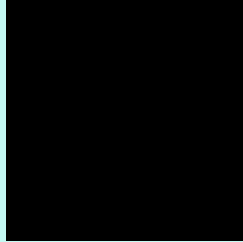
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4084, 85.7643, 96.7422

Background



This preview shows how black text looks on a background with the XYZ color 72.4084, 85.7643, 96.7422.



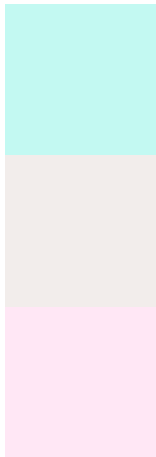
This preview shows how white text looks on a background with the XYZ color 72.4084, 85.7643,

96.7422.

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

72.4084, 85.7643, 96.7422

Protanopia

81.8975, 85.4438, 90.7731

Deuteranopia

86.2973, 85.0044, 98.2453



Tritanopia

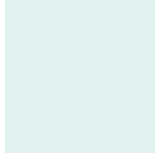
78.1249, 85.7683, 107.0450

Trichromacy



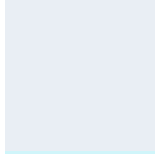
Original Color

72.4084, 85.7643, 96.7422



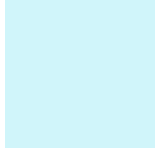
Protanomaly

77.9393, 85.0912, 93.2053



Deuteranomaly

80.5079, 85.0044, 97.7522



Tritanomaly

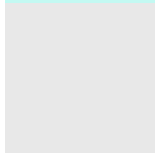
75.9202, 85.6168, 102.9668

Monochromacy



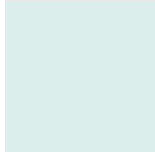
Original Color

72.4084, 85.7643, 96.7422



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.9283, 82.2653, 91.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4084, 85.7643, 96.7422 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(195, 249, 242)` looks like.

```
.text, #text, p{  
    color:rgb(195, 249, 242)  
}
```

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(195, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 249, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.4084, 85.7643, 96.7422 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(195, 249, 242) }
```


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

```
.border{ border-color:rgb(195, 249, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 249, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(195, 249,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4084, 85.7643, 96.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 249, 242) }
```

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

```
.background{ background-color: rgb(195,  
249, 242) }
```

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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