

Converting Colors

XYZ(83.4332, 100.0000,
93.8267)

Have a look what the booklet for
XYZ(83.4332, 100.0000, 93.8267)
contains.

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Color

**XYZ(79.6688, 92.4236,
92.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFEB
RGB	218, 255, 235
RGB Percent	85%, 100%, 92%
CMY	0.1451, 0.0000, 0.0784
CMYK	0.15, 0.00, 0.08, 0.00
HSL	148°, 100%, 93%
HSV	148°, 15%, 100%
XYZ	79.6688, 92.4236, 92.2378
YIQ	241.6570, -15.6320, -14.0640

Conversions

Conversions Part 2

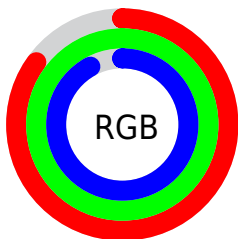
Format	Color
R _Y B	218, 243, 255
Decimal	14352363
CIE Lab	96.99, -15.61, 5.58
CIE LCh	97, 16.573, 160.340
Yxy	92.4236, 0.3014, 0.3497
Android (android.graphics.Color)	4292542443 (0xFFDAFFEB)
YUV	241.6570, -3.2819, -20.7472
Hunter-Lab	96.1372, -20.3173, 10.4109

Details

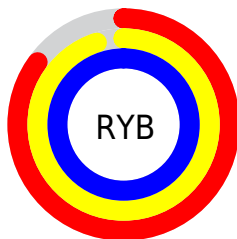
The XYZ color **79.6688, 92.4236, 92.2378** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.7444, 77.5767, 91.5542**, and the grayscale version is **84.1605, 88.5434, 96.4238**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4350, 51.4294, 50.2854** is the 20% darker color. If you saturate the color by 10%, you get **70.7058, 88.0242, 81.8233**, and if you desaturate by 10%, it is **89.9609, 97.4902, 103.5228**.

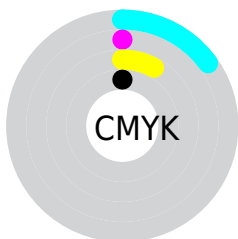
Distribution



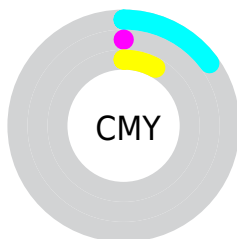
- Red (85%)
- Green (100%)
- Blue (92%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6688, 92.4236, 92.2378 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 79.6688, 92.4236, 92.2378 by changing the saturation by 10% instead.


 79.6688, 92.4236,
92.2378

 79.6688, 92.4236,
92.2378


482.5695,
535.8836, 556.0406

 59.7534, 69.9925,
69.2540


131.8530,
150.7004, 152.4055

 43.4686, 51.5204,
50.4456


164.8524,
187.3148, 190.4265

 30.4491, 36.6230,
35.3939


202.9439,
229.4259, 234.2970

 20.3294, 24.9157,
23.6805

246.4928,
277.4179, 284.4355

 12.7444, 16.0143,
14.8868

295.8644,
331.6753, 341.2606

 7.3286, 9.5342,
8.5942

351.4242,

 3.7166, 5.0913,

392.5824, 405.1907

4.3843

413.5374,
460.5237, 476.6446

■ 1.5431, 2.3009,
1.8384

■ 0.3549, 0.7742,
0.4531

■ 79.6688, 92.4236,
92.2378

■ 79.6688, 92.4236,
92.2378

■ 70.7058, 88.0242,
81.8233

■ 89.9609, 97.4902,
103.5228

■ 63.0125, 84.2620,
72.2542

95.0500, 100.0000,
108.9000

■ 56.5286, 81.1062,
63.5103

■ 51.1876, 78.5231,
55.5689

■ 46.9163, 76.4752,
48.4064

■ 43.6325, 74.9208,
41.9977

■ 41.2410, 73.8113,
36.3161

■ 39.6260, 73.0873,
31.3328

■ 38.9808, 72.8083,
28.8807

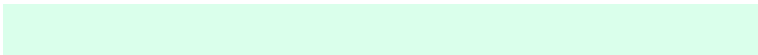
Harmonies

Analogous

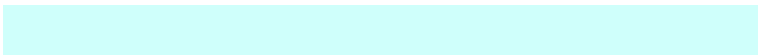
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1679, 92.4236, 82.2998



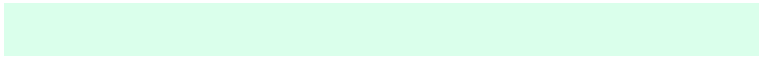
79.6688, 92.4236, 92.2378



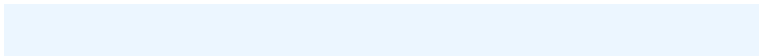
79.3159, 92.4236, 105.3138

Triad

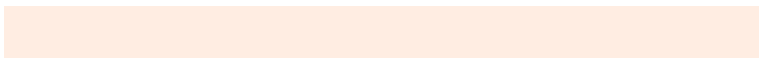
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6688, 92.4236, 92.2378



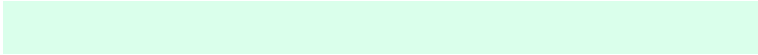
89.4652, 92.4236, 128.0723



94.8599, 92.4236, 84.9076

Complementary

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



79.6688, 92.4236, 92.2378



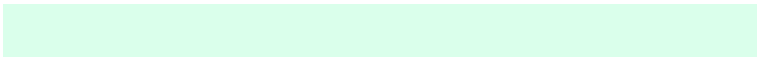
81.7444, 77.5767, 91.5542

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.



96.9664, 92.4236, 96.0941



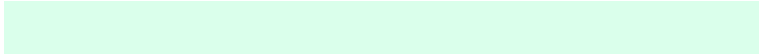
79.6688, 92.4236, 92.2378



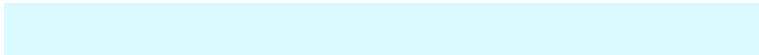
93.7795, 92.4236, 121.5060

Square

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



79.6688, 92.4236, 92.2378



84.8632, 92.4236, 126.8080



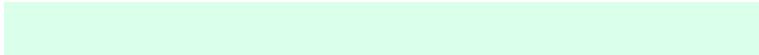
96.5641, 92.4236, 109.5240



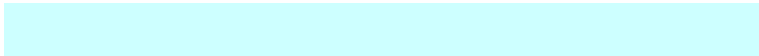
90.8976, 92.4236, 78.3341

Rectangle

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



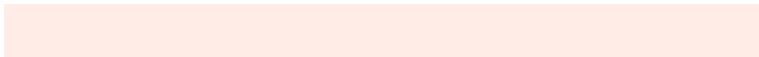
79.6688, 92.4236, 92.2378



80.3315, 92.4236, 114.1718



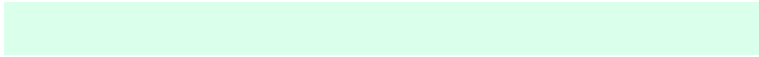
96.5641, 92.4236, 109.5240



95.8148, 92.4236, 88.2103

Sweetspot

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



79.6696, 92.4239, 92.2393



90.5214, 97.7665, 104.1209



83.7929, 94.8200, 80.2165



19.1983, 20.8388, 22.0972



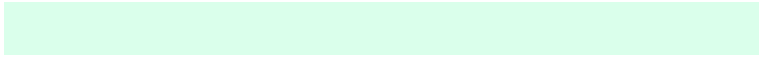
0.0000, 0.0000, 0.0000



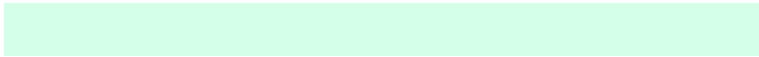
20.3446, 21.4041, 23.3091

Same Dimension

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



79.6696, 92.4239, 92.2393



77.3149, 91.2668, 89.5645



82.4275, 93.5271, 106.7621



18.1187, 20.3070, 20.9282



20.4417, 38.0733, 15.4773



2.0447, 3.7288, 1.7934

Inverse Universe

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



81.7444, 77.5767, 91.5542



79.7032, 74.1750, 88.7752



79.2104, 76.5631, 78.2104



18.4200, 18.1513, 20.8288



24.0158, 12.0956, 13.9993



2.3935, 1.1998, 1.6537

Previews

White Background



This preview shows how the XYZ color 79.6688, 92.4236, 92.2378 looks on a white background.

Color Contrast Check

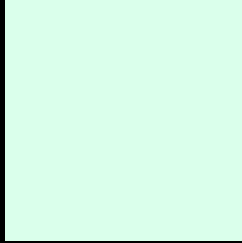
Large Text (above 18pt) WCAG AA × Fail

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 79.6688, 92.4236, 92.2378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

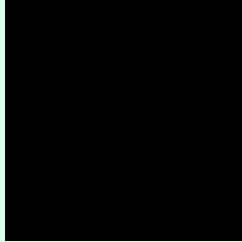
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

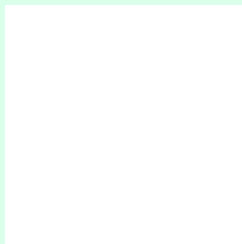
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6688, 92.4236, 92.2378

Background



This preview shows how black text looks on a background with the XYZ color 79.6688, 92.4236, 92.2378.



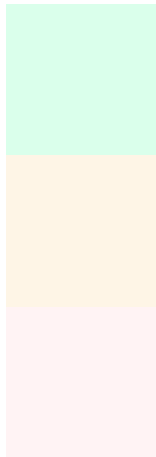
This preview shows how white text looks on a background with the XYZ color 79.6688, 92.4236,

92.2378.

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

79.6688, 92.4236, 92.2378

Protanopia

87.8084, 92.0888, 88.0098

Deuteranopia

89.6197, 91.8928, 98.6016



Tritanopia

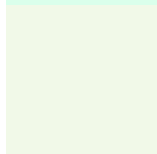
86.5707, 91.9187, 107.7871

Trichromacy



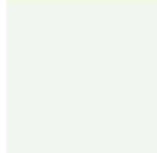
Original Color

79.6688, 92.4236, 92.2378



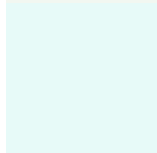
Protanomaly

84.7168, 92.2783, 89.6904



Deuteranomaly

85.7559, 91.7496, 96.4087



Tritanomaly

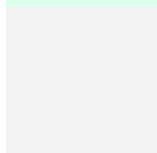
84.0839, 92.1374, 102.1595

Monochromacy



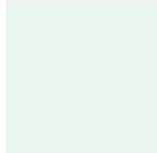
Original Color

79.6688, 92.4236, 92.2378



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.4450, 90.0772, 94.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6688, 92.4236, 92.2378 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(218, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 235)  
}
```

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(218, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 79.6688, 92.4236, 92.2378 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(218, 255, 235) }
```


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

```
.border{ border-color:rgb(218, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6688, 92.4236, 92.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 235) }
```

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

```
.background{ background-color: rgb(218,  
255, 235) }
```

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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