

Converting Colors

XYZ(79.7869, 92.3422, 98.6680)

Have a look what the booklet for
XYZ(79.7869, 92.3422, 98.6680)
contains.

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Color

**XYZ(79.6692, 92.2872,
98.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF3
RGB	214, 255, 243
RGB Percent	84%, 100%, 95%
CMY	0.1608, 0.0000, 0.0471
CMYK	0.16, 0.00, 0.05, 0.00
HSL	162°, 100%, 92%
HSV	162°, 16%, 100%
XYZ	79.6692, 92.2872, 98.4082
YIQ	241.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

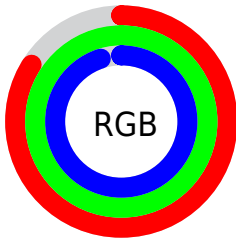
Format	Color
RYB	214, 238, 255
Decimal	14090227
CIELab	96.94, -15.37, 1.35
CIElCh	97, 15.425, 174.976
Yxy	92.2872, 0.2947, 0.3413
Android (android.graphics.Color)	4292280307 (0xFFD6FFF3)
YUV	241.3730, 0.8021, -24.0061
Hunter-Lab	96.0662, -20.0831, 6.5109

Details

The XYZ color **79.6692, 92.2872, 98.4082** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.0146, 74.8452, 82.2338**, and the grayscale version is **83.9081, 88.2778, 96.1345**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4618, 51.3470, 54.6340** is the 20% darker color. If you saturate the color by 10%, you get **71.6964, 88.3046, 92.2720**, and if you desaturate by 10%, it is **88.8546, 96.8895, 104.8432**.

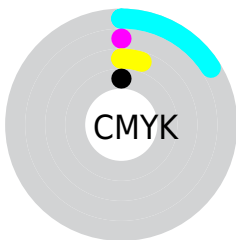
Distribution



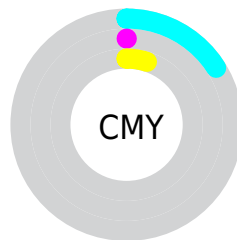
- Red (84%)
- Green (100%)
- Blue (95%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6692, 92.2872, 98.4082 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 79.6692, 92.2872, 98.4082 by changing the saturation by 10% instead.

79.6692, 92.2872,
98.4082

79.6692, 92.2872,
98.4082

482.5708,
535.4433, 576.2801

59.7537, 69.8792,
74.3624

131.8535,
150.5114, 161.0007

43.4688, 51.4281,
54.5921

164.8530,
187.0963, 200.3845

30.4493, 36.5494,
38.6788

202.9446,
229.1758, 245.7179

20.3296, 24.8588,
26.2041

246.4936,
277.1340, 297.4197

12.7445, 15.9719,
16.7492

295.8654,
331.3555, 355.9082

7.3286, 9.5043,
9.8958

351.4253,

3.7166, 5.0715,

392.2246, 421.6021

5.2252

413.5386,
460.1257, 494.9199

■ 1.5431, 2.2893,
2.3190

■ 0.3549, 0.7680,
0.7418

■ 79.6692, 92.2872,
98.4082

■ 79.6692, 92.2872,
98.4082

■ 71.6964, 88.3046,
92.2720

■ 88.8546, 96.8895,
104.8432

■ 64.8789, 84.9124,
86.4247

95.0500, 100.0000,
108.9000

■ 59.1588, 82.0808,
80.8623

■ 54.4718, 79.7767,
75.5789

■ 50.7469, 77.9635,
70.5681

■ 47.9037, 76.5998,
65.8232

■ 45.8482, 75.6373,
61.3367

■ 44.4638, 75.0160,
57.0999

■ 44.0363, 74.8305,
55.5025

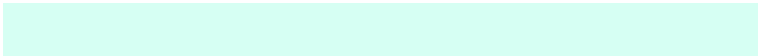
Harmonies

Analogous

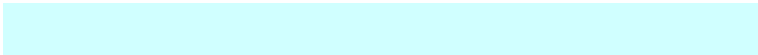
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0634, 92.2872, 87.3931



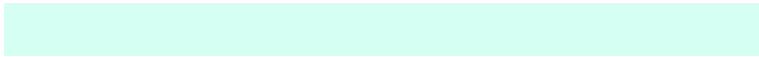
79.6692, 92.2872, 98.4082



80.3725, 92.2872, 110.9095

Triad

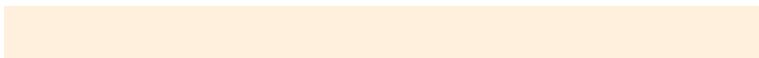
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6692, 92.2872, 98.4082



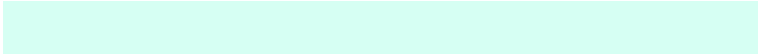
91.2844, 92.2872, 123.7244



92.5894, 92.2872, 82.1700

Complementary

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



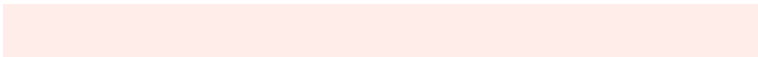
79.6692, 92.2872, 98.4082



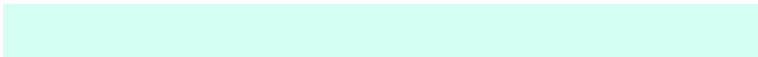
79.0146, 74.8452, 82.2338

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.



95.4941, 92.2872, 90.7352



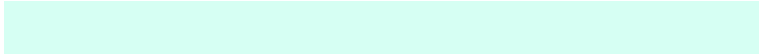
79.6692, 92.2872, 98.4082



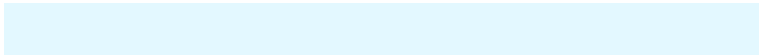
94.7234, 92.2872, 114.8233

Square

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



79.6692, 92.2872, 98.4082



86.9880, 92.2872, 126.2008



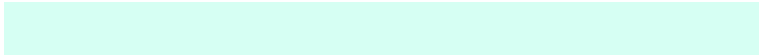
96.2876, 92.2872, 102.5910



88.4485, 92.2872, 78.5239

Rectangle

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



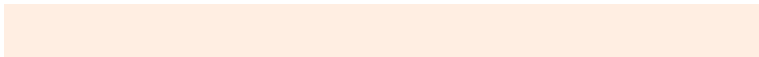
79.6692, 92.2872, 98.4082



81.9488, 92.2872, 118.3270



96.2876, 92.2872, 102.5910



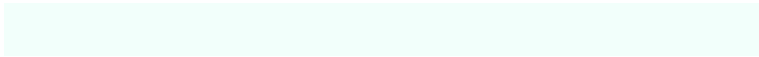
93.7481, 92.2872, 84.5333

Sweetspot

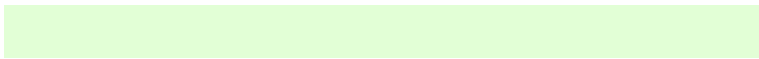
The Sweet Spot groups the original color and five complimentary colors.



79.6701, 92.2876, 98.4097



89.9188, 97.4235, 105.5544



79.3565, 92.5927, 77.3094



19.0974, 20.7779, 22.4936



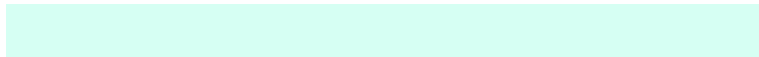
0.0000, 0.0000, 0.0000



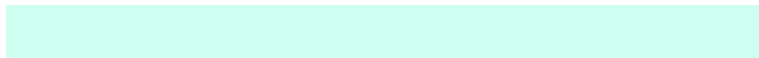
20.3446, 21.4041, 23.3091

Same Dimension

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



79.6701, 92.2876, 98.4097



77.2170, 91.0608, 96.5857



78.9819, 87.9160, 107.4144



18.3150, 20.3855, 21.9617



23.0783, 39.1279, 29.3613



2.2948, 3.8288, 3.1101

Inverse Universe

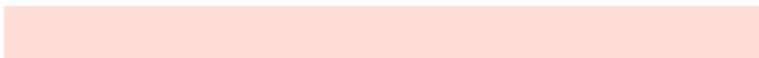
The Inverse Universe completely reimagines the original color for something new.



79.0146, 74.8452, 82.2338



76.4590, 70.8739, 77.8677



79.5527, 78.4649, 74.5721



18.2280, 18.0745, 19.8179



22.2619, 11.3940, 4.7635



2.2128, 1.1275, 0.7018

Previews

White Background



This preview shows how the XYZ color 79.6692, 92.2872, 98.4082 looks on a white background.

Color Contrast Check

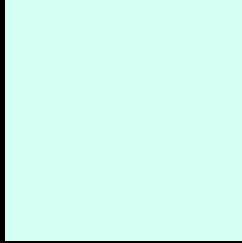
Large Text (above 18pt) WCAG AA × Fail

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 79.6692, 92.2872, 98.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

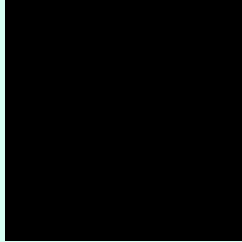
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

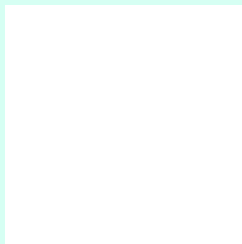
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6692, 92.2872, 98.4082

Background



This preview shows how black text looks on a background with the XYZ color 79.6692, 92.2872, 98.4082.



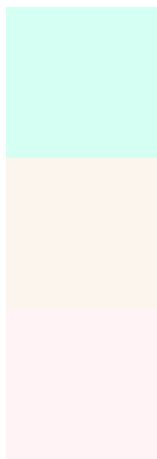
This preview shows how white text looks on a background with the XYZ color 79.6692, 92.2872,

98.4082.

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

79.6692, 92.2872, 98.4082

Protanopia

88.0834, 92.1147, 93.2582

Deuteranopia

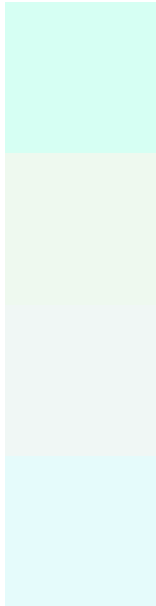
89.9251, 92.0150, 100.2099



Tritanopia

86.5425, 92.3593, 107.8736

Trichromacy



Original Color

79.6692, 92.2872, 98.4082

Protanomaly

84.7156, 92.1605, 94.9851

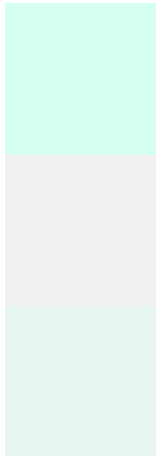
Deuteranomaly

85.6774, 91.6394, 99.5587

Tritanomaly

84.2229, 92.6174, 104.7047

Monochromacy



Original Color

79.6692, 92.2872, 98.4082

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

81.9378, 89.3113, 96.9246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6692, 92.2872, 98.4082 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(214, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 243)  
}
```

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(214, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.6692, 92.2872, 98.4082 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(214, 255, 243) }
```


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

```
.border{ border-color:rgb(214, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(214, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6692, 92.2872, 98.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 243) }
```

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

```
.background{ background-color: rgb(214,  
255, 243) }
```

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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