

Converting Colors

XYZ(68.6099, 79.9600, 87.4190)

Have a look what the booklet for
XYZ(68.6099, 79.9600, 87.4190)
contains.

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Color

**XYZ(68.6099, 79.9600,
87.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F0E7
RGB	197, 240, 231
RGB Percent	77%, 94%, 91%
CMY	0.2274, 0.0588, 0.0941
CMYK	0.18, 0.00, 0.04, 0.06
HSL	167°, 59%, 86%
HSV	167°, 18%, 94%
XYZ	68.6099, 79.9600, 87.4190
YIQ	226.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

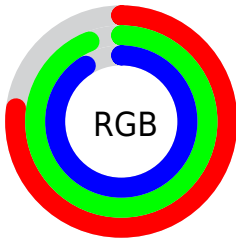
Format	Color
RYB	197, 221, 240
Decimal	12972263
CIELab	91.67, -15.56, -0.25
CIELCh	92, 15.559, 180.931
Yxy	79.9600, 0.2907, 0.3388
Android (android.graphics.Color)	4291162343 (0xFFC5F0E7)
YUV	226.1170, 2.4073, -25.5356
Hunter-Lab	89.4204, -19.5272, 4.6312

Details

The XYZ color **68.6099, 79.9600, 87.4190** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.0449, 62.9163, 67.0065**, and the grayscale version is **72.3701, 76.1390, 82.9154**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **36.2060, 43.2158, 46.9907** is the 20% darker color. If you saturate the color by 10%, you get **62.1198, 76.6972, 83.4648**, and if you desaturate by 10%, it is **76.1254, 83.7533, 91.5309**.

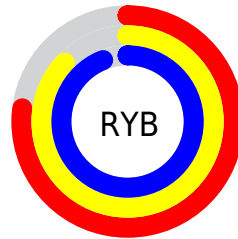
Distribution



Red (77%)

Green (94%)

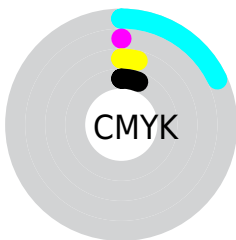
Blue (91%)



Red (77%)

Yellow (87%)

Blue (94%)

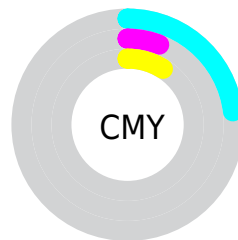


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (6%)



Cyan (23%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6099, 79.9600, 87.4190 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 68.6099, 79.9600, 87.4190 by changing the saturation by 10% instead.

68.6099, 79.9600,
87.4190

68.6099, 79.9600,
87.4190

444.9968,
494.7980, 539.9506

50.6696, 59.6854,
65.2804

116.2613,
133.3095, 145.6520

36.1657, 43.1651,
47.2357

146.7032,
167.1532, 182.5835

24.7329, 30.0147,
32.8663

182.0429,
206.2888, 225.2831

16.0058, 19.8498,
21.7538

222.6458,
251.1006, 274.1693

9.6191, 12.2859,
13.4795

268.8773,
301.9730, 329.6606

5.2075, 6.9387,
7.6250

321.1027,

2.4055, 3.4238,

359.2905, 392.1755

3.7716

379.6874,
423.4373, 462.1327

■ 0.8479, 1.3568,
1.5009

■ 0.0000, 0.1845,
0.2186

■ 68.6099, 79.9600,
87.4190

■ 68.6099, 79.9600,
87.4190

■ 62.1198, 76.6972,
83.4648

■ 76.1254, 83.7533,
91.5309

■ 56.6010, 73.9307,
79.6600

■ 84.7038, 88.0901,
95.7981

■ 52.0044, 71.6372,
76.0028

■ 89.0478, 90.2416,
99.9752

■ 48.2740, 69.7880,
72.4900

■ 89.8301, 90.5545,
104.0946

■ 45.3478, 68.3511,
69.1175

■ 90.4515, 90.8030,
107.3672

■ 43.1550, 67.2900,
65.8813

■ 41.6124, 66.5619,
62.7764

■ 40.6064, 66.1082,
59.7966

■ 40.4292, 66.0301,
59.1900

Harmonies

Analogous

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



69.5123, 79.9600, 76.8536



68.6099, 79.9600, 87.4190



69.6294, 79.9600, 98.8071

Triad

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



68.6099, 79.9600, 87.4190



79.9967, 79.9600, 107.2240



79.7744, 79.9600, 69.2960

Complementary

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



68.6099, 79.9600, 87.4190



67.0449, 62.9163, 67.0065

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.



82.7469, 79.9600, 76.2881



68.6099, 79.9600, 87.4190



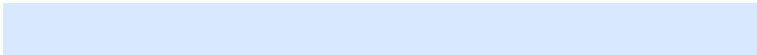
82.8784, 79.9600, 98.1384

Square

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



68.6099, 79.9600, 87.4190



76.1238, 79.9600, 110.8376



83.9017, 79.9600, 86.7077



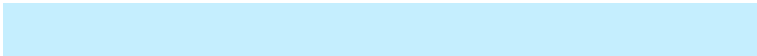
75.8755, 79.9600, 66.9570

Rectangle

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



68.6099, 79.9600, 87.4190



71.2830, 79.9600, 105.1895



83.9017, 79.9600, 86.7077



80.9198, 79.9600, 71.1483

Sweetspot

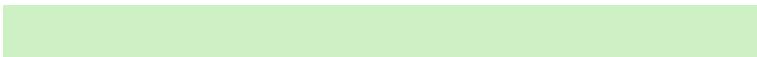
The Sweet Spot groups the original color and five complimentary colors.



68.6122, 79.9633, 87.4208



90.0870, 97.4908, 106.4399



66.7823, 79.5220, 64.6543



19.1384, 20.7943, 22.7093



0.0000, 0.0000, 0.0000



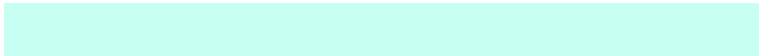
20.3446, 21.4041, 23.3091

Same Dimension

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



68.6122, 79.9633, 87.4208



75.5028, 90.1349, 98.4142



66.4497, 73.5505, 93.1363



16.0973, 17.8690, 19.5355



22.1808, 36.1643, 32.6645



1.8803, 3.0226, 2.9023

Inverse Universe

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



67.0449, 62.9163, 67.0065



73.3539, 66.7462, 70.4123



68.8614, 68.2499, 62.3690



15.9082, 15.8130, 17.0727



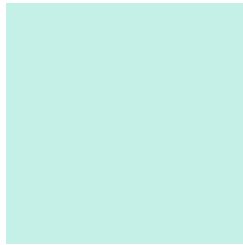
20.0285, 10.2838, 2.8005



1.7013, 0.8696, 0.4179

Previews

White Background



This preview shows how the XYZ color 68.6099, 79.9600, 87.4190 looks on a white background.

Color Contrast Check

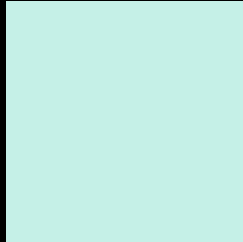
Large Text (above 18pt) WCAG AA × Fail

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 68.6099, 79.9600, 87.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

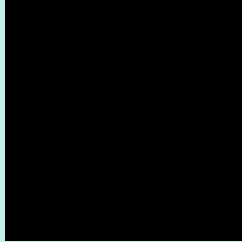
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

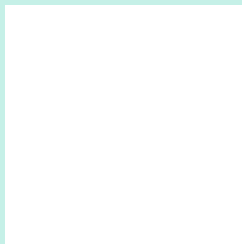
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.6099, 79.9600, 87.4190

Background



This preview shows how black text looks on a background with the XYZ color 68.6099, 79.9600, 87.4190.



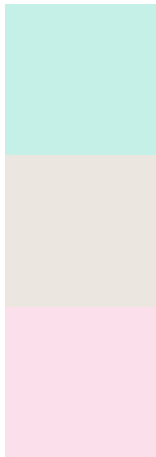
This preview shows how white text looks on a background with the XYZ color 68.6099, 79.9600,

87.4190.

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

68.6099, 79.9600, 87.4190

Protanopia

76.4795, 79.8627, 82.6183

Deuteranopia

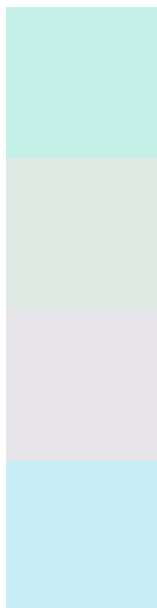
81.0226, 79.2251, 88.8635



Tritanopia

72.4026, 79.7675, 106.1884

Trichromacy



Original Color

68.6099, 79.9600, 87.4190

Protanomaly

73.4121, 79.9213, 84.2302

Deuteranomaly

75.6823, 78.9107, 88.3332

Tritanomaly

70.7382, 79.5016, 98.8058

Monochromacy



Original Color

68.6099, 79.9600, 87.4190

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.6038, 77.2003, 84.5787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6099, 79.9600, 87.4190 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(197, 240, 231)` looks like.

```
.text, #text, p{  
    color:rgb(197, 240, 231)  
}
```

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(197, 240, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 240, 231) }
```

Border

The CSS property to change the border of an element to XYZ 68.6099, 79.9600, 87.4190 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(197, 240, 231) }
```


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

```
.border{ border-color:rgb(197, 240, 231) }
```

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

Here you see how a box with a 4 pixel rgb(197, 240, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 240, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 240, 231);  
box-shadow:4px 4px 4px 4px rgb(197, 240,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6099, 79.9600, 87.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 240, 231) }
```

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

```
.background{ background-color: rgb(197,  
240, 231) }
```

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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