

Converting Colors

XYZ(59.6831, 64.0658, 78.8049)

Have a look what the booklet for
XYZ(59.6831, 64.0658, 78.8049)
contains.

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Color

**XYZ(59.8887, 64.2850,
79.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D4DF
RGB	197, 212, 223
RGB Percent	77%, 83%, 87%
CMY	0.2274, 0.1686, 0.1255
CMYK	0.12, 0.05, 0.00, 0.13
HSL	205°, 29%, 82%
HSV	205°, 12%, 87%
XYZ	59.8887, 64.2850, 79.0638
YIQ	208.7690, -12.4710, 0.2410

Conversions

Conversions Part 2

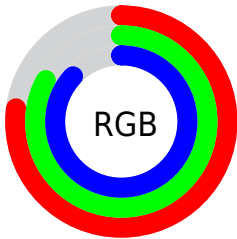
Format	Color
R_{YB}	197, 207, 223
Decimal	12965087
CIE _{Lab}	84.11, -2.87, -7.15
CIE _{LCh}	84, 7.709, 248.119
Yxy	64.2850, 0.2947, 0.3163
Android (android.graphics.Color)	4291155167 (0xFFC5D4DF)
YUV	208.7690, 7.0159, -10.3214
Hunter-Lab	80.1779, -6.9812, -2.3416

Details

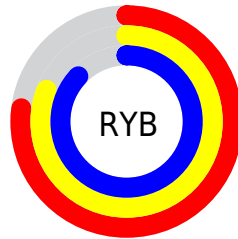
The XYZ color **59.8887, 64.2850, 79.0638** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0656, 64.8305, 62.0141**, and the grayscale version is **60.4169, 63.5633, 69.2204**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.4525, 32.7807, 41.7681** is the 20% darker color. If you saturate the color by 10%, you get **52.1870, 56.9176, 78.0487**, and if you desaturate by 10%, it is **68.5957, 72.3786, 80.1681**.

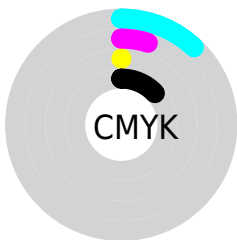
Distribution



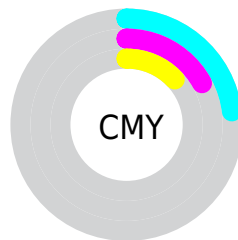
- Red (77%)
- Green (83%)
- Blue (87%)



- Red (77%)
- Yellow (81%)
- Blue (87%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8887, 64.2850, 79.0638 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 59.8887, 64.2850, 79.0638 by changing the saturation by 10% instead.

■ 59.8887, 64.2850,
79.0638

■ 59.8887, 64.2850,
79.0638

414.0287,
440.2181, 511.3955

■ 43.5780, 46.8815,
58.4266

103.7755,
111.0213, 133.8482

■ 30.5354, 32.9420,
41.7348

132.0823,
141.1229, 168.8324

■ 20.3954, 22.0820,
28.5696

165.1185,
176.2260, 209.4362

■ 12.7927, 13.9172,
18.5127

203.2496,
216.7151, 256.0779

■ 7.3620, 8.0631,
11.1455

246.8408,
262.9744, 309.1761

■ 3.7378, 4.1353,
6.0494

296.2574,

■ 1.5549, 1.7496,

315.3884, 369.1494

2.8059

351.8650,
374.3415, 436.4164

■ 0.3627, 0.4554,
0.9964

■ 0.0000, 0.0000,
0.0000

■ 59.8887, 64.2850,
79.0638

■ 59.8887, 64.2850,
79.0638

■ 52.1870, 56.9176,
78.0487

■ 68.5957, 72.3786,
80.1681

■ 45.4448, 50.2442,
77.1159

■ 78.3402, 81.2131,
81.3598

■ 39.6210, 44.2417,
76.2643

■ 85.8082, 89.0852,
82.4856

■ 34.6693, 38.8827,
75.4909

■ 88.6621, 94.7930,
83.4369

■ 30.5386, 34.1369,
74.7926

■ 90.3195, 98.1078,
83.9894

■ 27.1724, 29.9715,
74.1660

■ 24.5059, 26.3490,
73.6073

■ 22.4620, 23.2256,
73.1121

■ 21.1278, 20.9445,
72.7422

Harmonies

Analogous

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



58.5608, 64.2850, 75.9457



59.8887, 64.2850, 79.0638



61.5646, 64.2850, 79.6963

Triad

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



59.8887, 64.2850, 79.0638



64.4004, 64.2850, 68.6792



59.1017, 64.2850, 62.8735

Complementary

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



59.8887, 64.2850, 79.0638



63.0656, 64.8305, 62.0141

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.



60.6396, 64.2850, 61.1156



59.8887, 64.2850, 79.0638



63.7136, 64.2850, 64.3643

Square

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



59.8887, 64.2850, 79.0638



64.1904, 64.2850, 73.5490



62.3295, 64.2850, 61.6484



58.1123, 64.2850, 66.5582

Rectangle

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



59.8887, 64.2850, 79.0638



62.6574, 64.2850, 78.5969



62.3295, 64.2850, 61.6484



59.5706, 64.2850, 62.0456

Sweetspot

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



59.8906, 64.2877, 79.0652



91.2678, 96.5308, 108.4297



60.7794, 69.1926, 69.7202



19.3233, 20.4664, 23.1819



0.0000, 0.0000, 0.0000



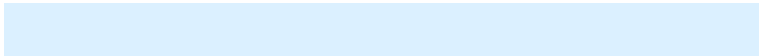
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8906, 64.2877, 79.0652



78.4846, 84.5882, 106.7983



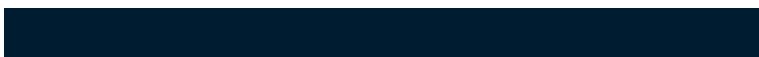
56.8081, 58.1228, 78.0377



13.6056, 14.5503, 17.4791



12.5369, 12.5434, 42.8087



0.9571, 1.0456, 2.9966

Inverse Universe

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



62.2828, 60.3752, 70.6614



82.3632, 78.3651, 93.1455



66.3230, 71.3452, 63.0998



14.0371, 13.8325, 15.9657



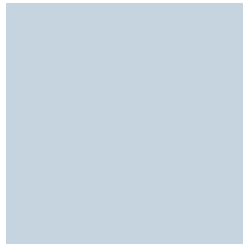
20.2683, 10.1743, 13.3443



1.4494, 0.7230, 1.1591

Previews

White Background



This preview shows how the XYZ color 59.8887, 64.2850, 79.0638 looks on a white background.

Color Contrast Check

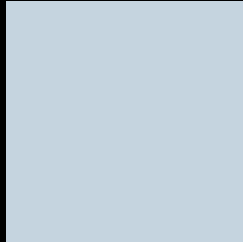
Large Text (above 18pt) WCAG AA × Fail

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 59.8887, 64.2850, 79.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

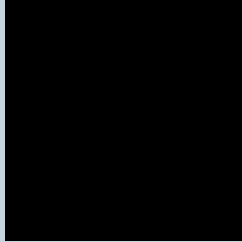
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

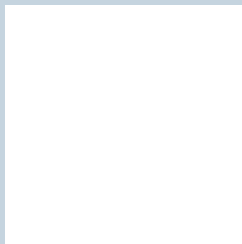
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8887, 64.2850, 79.0638

Background



This preview shows how black text looks on a background with the XYZ color 59.8887, 64.2850, 79.0638.



This preview shows how white text looks on a background with the XYZ color 59.8887, 64.2850,

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

59.8887, 64.2850, 79.0638

Protanopia

62.1854, 64.0338, 77.4889

Deuteranopia

65.6149, 64.3099, 80.1889



Tritanopia

60.5866, 64.1957, 82.5966

Trichromacy



Original Color

59.8887, 64.2850, 79.0638

Protanomaly

61.1621, 63.8540, 78.2087

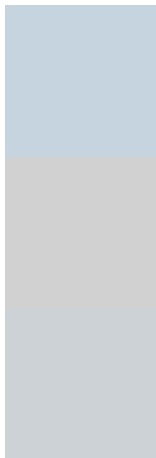
Deuteranomaly

63.4989, 64.3036, 79.5861

Tritanomaly

60.3104, 64.0853, 81.1425

Monochromacy



Original Color

59.8887, 64.2850, 79.0638

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3610, 63.9274, 72.7762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8887, 64.2850, 79.0638 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, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 223)  
}
```

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, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 223) }
```

Border

The CSS property to change the border of an element to XYZ 59.8887, 64.2850, 79.0638 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, 212, 223) }
```


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

```
.border{ border-color:rgb(197, 212, 223) }
```

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

Here you see how a box with a 4 pixel rgb(197, 212, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8887, 64.2850, 79.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 223) }
```

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

```
.background{ background-color: rgb(197,  
212, 223) }
```

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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