

Converting Colors

XYZ(28.4018, 31.2398, 57.9595)

Have a look what the booklet for
XYZ(28.4018, 31.2398, 57.9595)
contains.

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Color

**XYZ(28.4344, 31.3793,
57.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9DC6
RGB	108, 157, 198
RGB Percent	42%, 62%, 78%
CMY	0.5765, 0.3843, 0.2235
CMYK	0.45, 0.21, 0.00, 0.22
HSL	207°, 44%, 60%
HSV	207°, 45%, 78%
XYZ	28.4344, 31.3793, 57.9842
YIQ	147.0230, -42.3650, 2.3630

Conversions

Conversions Part 2

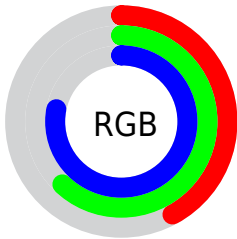
Format	Color
RYB	108, 140, 198
Decimal	7118278
CIELab	62.83, -5.37, -26.20
CIELCh	63, 26.747, 258.429
Yxy	31.3793, 0.2414, 0.2664
Android (android.graphics.Color)	4285308358 (0xFF6C9DC6)
YUV	147.0230, 25.1317, -34.2232
Hunter-Lab	56.0172, -7.4234, -22.1598

Details

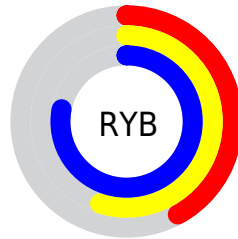
The XYZ color **28.4344, 31.3793, 57.9842** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.7439, 34.5845, 18.9275**, and the grayscale version is **27.6555, 29.0958, 31.6853**.

A 20% lighter version of the original color is **56.4485, 61.5951, 103.5216**, and **11.6563, 13.0786, 28.2956** is the 20% darker color. If you saturate the color by 10%, you get **24.8242, 27.3363, 57.3947**, and if you desaturate by 10%, it is **32.7062, 35.9320, 58.6384**.

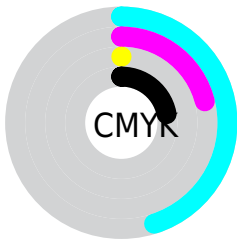
Distribution



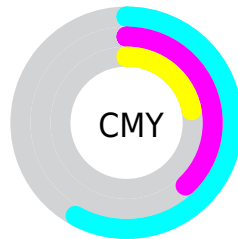
- Red (42%)
- Green (62%)
- Blue (78%)



- Red (42%)
- Yellow (55%)
- Blue (78%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4344, 31.3793, 57.9842 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 28.4344, 31.3793, 57.9842 by changing the saturation by 10% instead.

■ 28.4344, 31.3793,
57.9842

■ 28.4344, 31.3793,
57.9842

286.5794,
308.2820, 434.7237

■ 18.7955, 20.8878,
41.3813

■ 56.5810, 61.8368,
103.4144

■ 11.6257, 13.0420,
28.2952

■ 75.8195, 82.5715,
133.0788

■ 6.5597, 7.4575,
18.3073

■ 98.9885, 107.4896,
167.9342

■ 3.2322, 3.7498,
10.9992

■ 126.4534,
136.9752, 208.3990

■ 1.2777, 1.5346,
5.9521

158.5796,
171.4129, 254.8918

■ 0.1664, 0.3129,
2.7477

195.7325,

■ 0.0000, 0.0000,

211.1870, 307.8311

0.9673

238.2773,
256.6819, 367.6356

■ 0.0000, 0.0000,
0.0000

■ 28.4344, 31.3793,
57.9842

■ 28.4344, 31.3793,
57.9842

■ 24.8242, 27.3363,
57.3947

■ 32.7062, 35.9320,
58.6384

■ 21.8325, 23.7751,
56.8650

■ 37.6728, 41.0129,
59.3573

■ 19.4157, 20.6704,
56.3931

■ 43.3687, 46.6439,
60.1440

■ 17.5223, 17.9915,
55.9758

■ 49.8251, 52.8444,
61.0006

■ 16.0892, 15.7021,
55.6094

■ 57.0713, 59.6327,
61.9289

■ 15.5347, 14.7603,
55.4569

■ 65.1351, 67.0261,
62.9310

■ 74.0426, 75.0412,
64.0085

■ 79.4976, 81.4661,
64.9612

■ 82.0610, 86.5930,
65.8157

Harmonies

Analogous

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



25.3912, 31.3793, 51.5893



28.4344, 31.3793, 57.9842



32.1076, 31.3793, 57.1003

Triad

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



28.4344, 31.3793, 57.9842



37.0190, 31.3793, 28.1783



24.8598, 31.3793, 22.4532

Complementary

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



28.4344, 31.3793, 57.9842



36.7439, 34.5845, 18.9275

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.



27.6534, 31.3793, 18.3797



28.4344, 31.3793, 57.9842



34.7473, 31.3793, 21.1881

Square

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



28.4344, 31.3793, 57.9842



37.2714, 31.3793, 38.3749



31.2604, 31.3793, 17.9697



23.4431, 31.3793, 30.2780

Rectangle

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



28.4344, 31.3793, 57.9842



34.4206, 31.3793, 52.5310



31.2604, 31.3793, 17.9697



25.6579, 31.3793, 20.6752

Sweetspot

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



28.4354, 31.3805, 57.9849



78.1432, 83.9055, 106.6845



31.7644, 45.7311, 35.3790



16.2210, 17.4677, 22.7666



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.



28.4354, 31.3805, 57.9849



43.7418, 48.1567, 101.5975



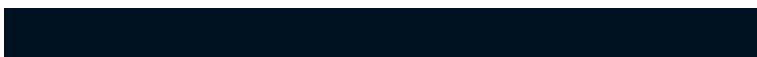
22.2280, 18.9657, 55.9158



10.5271, 11.2283, 13.5299



10.1890, 9.7719, 36.0935



0.5542, 0.6062, 1.7329

Inverse Universe

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



34.7380, 25.1664, 34.9261



56.7581, 37.2309, 53.5475



45.1769, 51.4505, 21.7385



10.8713, 10.7319, 12.3058



16.9423, 8.5265, 10.1717



0.8384, 0.4182, 0.6724

Previews

White Background



This preview shows how the XYZ color 28.4344, 31.3793, 57.9842 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 28.4344, 31.3793, 57.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

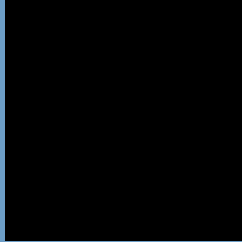
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4344, 31.3793, 57.9842

Background



This preview shows how black text looks on a background with the XYZ color 28.4344, 31.3793, 57.9842.

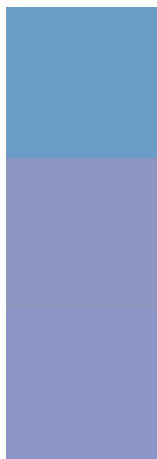


This preview shows how white text looks on a background with the XYZ color 28.4344, 31.3793,

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

28.4344, 31.3793, 57.9842

Protanopia

31.5165, 31.3257, 54.8374

Deuteranopia

31.9880, 31.2405, 58.9876



Tritanopia

25.7517, 31.3124, 44.7310

Trichromacy



Original Color

28.4344, 31.3793, 57.9842

Protanomaly

30.2948, 31.3897, 56.0919

Deuteranomaly

30.4391, 31.1692, 58.4448

Tritanomaly

26.8270, 31.5036, 49.4666

Monochromacy



Original Color

28.4344, 31.3793, 57.9842

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6224, 29.8729, 40.3866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4344, 31.3793, 57.9842 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(108, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(108, 157, 198)  
}
```

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(108, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 157, 198) }
```

Border

The CSS property to change the border of an element to XYZ 28.4344, 31.3793, 57.9842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

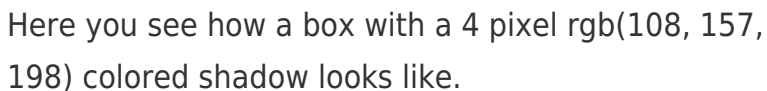
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 157, 198) }
```


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

```
.border{ border-color:rgb(108, 157, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 157, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 157, 198);  
box-shadow:4px 4px 4px 4px rgb(108, 157,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4344, 31.3793, 57.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 157, 198) }
```

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

```
.background{ background-color: rgb(108,  
157, 198) }
```

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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