

Converting Colors

XYZ(24.3936, 25.9225, 55.0517)

Have a look what the booklet for
XYZ(24.3936, 25.9225, 55.0517)
contains.

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Color

**XYZ(24.4967, 26.0718,
55.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	608FC3
RGB	96, 143, 195
RGB Percent	38%, 56%, 76%
CMY	0.6235, 0.4392, 0.2353
CMYK	0.51, 0.27, 0.00, 0.24
HSL	212°, 45%, 57%
HSV	212°, 51%, 76%
XYZ	24.4967, 26.0718, 55.3710
YIQ	134.8750, -44.7040, 6.2080

Conversions

Conversions Part 2

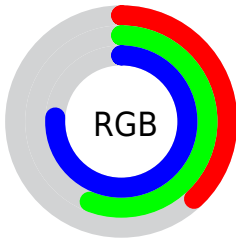
Format	Color
R _Y B	96, 128, 195
Decimal	6328259
CIE Lab	58.11, -1.22, -31.87
CIE LCh	58, 31.894, 267.801
Yxy	26.0718, 0.2312, 0.2461
Android (android.graphics.Color)	4284518339 (0xFF608FC3)
YUV	134.8750, 29.6416, -34.0934
Hunter-Lab	51.0606, -3.7192, -28.5528

Details

The XYZ color **24.4967, 26.0718, 55.3710** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **35.2081, 33.6280, 15.7028**, and the grayscale version is **22.8892, 24.0812, 26.2244**.

A 20% lighter version of the original color is **50.4858, 53.6362, 99.7874**, and **9.4850, 10.1451, 26.6576** is the 20% darker color. If you saturate the color by 10%, you get **21.2258, 22.2066, 54.7978**, and if you desaturate by 10%, it is **28.4186, 30.4820, 56.0160**.

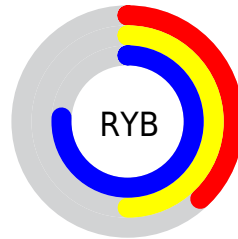
Distribution



Red (38%)

Green (56%)

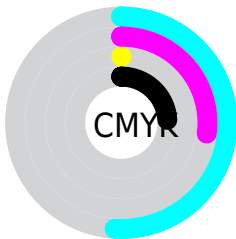
Blue (76%)



Red (38%)

Yellow (50%)

Blue (76%)

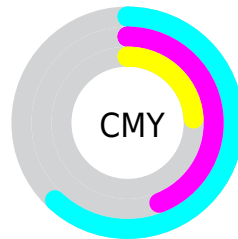


Cyan (51%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (62%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4967, 26.0718, 55.3710 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 24.4967, 26.0718, 55.3710 by changing the saturation by 10% instead.

■ 24.4967, 26.0718,
55.3710

■ 24.4967, 26.0718,
55.3710

267.7162,
283.1344, 424.6382

■ 15.8292, 16.8774,
39.2982

■ 50.2883, 53.3908,
99.5609

■ 9.4935, 10.1471,
26.6822

■ 68.1432, 72.2841,
128.5151

■ 5.1241, 5.4966,
17.1044

■ 89.7912, 95.1791,
162.6003

■ 2.3558, 2.5415,
10.1462

■ 115.5977,
122.4603, 202.2348

■ 0.8230, 0.8973,
5.3891

145.9282,
154.5120, 247.8374

■ 0.0000, 0.0000,
2.4146

181.1478,

■ 0.0000, 0.0000,

191.7187, 299.8264

0.7944

221.6220,
234.4647, 358.6205

■ 0.0000, 0.0000,
0.0000

■ 24.4967, 26.0718,
55.3710

■ 24.4967, 26.0718,
55.3710

■ 21.2258, 22.2066,
54.7978

■ 28.4186, 30.4820,
56.0160

■ 18.5612, 18.8564,
54.2916

■ 33.0269, 35.4593,
56.7339

■ 16.4560, 15.9917,
53.8496

■ 38.3573, 41.0278,
57.5278

■ 14.8544, 13.5776,
53.4681

■ 44.4421, 47.2092,
58.4002

■ 13.7274, 11.6942,
53.1639

■ 51.3117, 54.0238,
59.3535

■ 58.9947, 61.4911,
60.3899

■ 67.5180, 69.6295,
61.5115

■ 76.9075, 78.4568,
62.7205

■ 80.8522, 84.7237,
63.7222

Harmonies

Analogous

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



21.0317, 26.0718, 50.4449



24.4967, 26.0718, 55.3710



28.4063, 26.0718, 51.6513

Triad

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



24.4967, 26.0718, 55.3710



31.9438, 26.0718, 19.5821



19.0148, 26.0718, 18.4995

Complementary

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



24.4967, 26.0718, 55.3710



35.2081, 33.6280, 15.7028

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.



21.4771, 26.0718, 13.4293



24.4967, 26.0718, 55.3710



28.9502, 26.0718, 13.9307

Square

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



24.4967, 26.0718, 55.3710



32.9628, 26.0718, 29.2114



25.0664, 26.0718, 12.0027



18.0783, 26.0718, 27.5797

Rectangle

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



24.4967, 26.0718, 55.3710



30.6964, 26.0718, 45.1961



25.0664, 26.0718, 12.0027



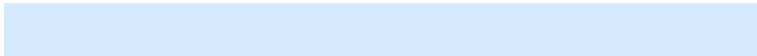
19.6781, 26.0718, 16.3684

Sweetspot

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



24.4976, 26.0727, 55.3716



74.5583, 79.4695, 103.8793



29.6182, 43.6291, 34.5270



15.8180, 16.8847, 22.6753



0.0000, 0.0000, 0.0000



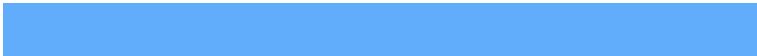
20.3446, 21.4041, 23.3091

Same Dimension

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



24.4976, 26.0727, 55.3716



37.3977, 39.0175, 98.0298



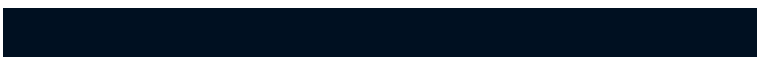
19.0337, 14.8844, 53.5001



9.9138, 10.5190, 12.7927



9.0050, 7.7665, 34.5811



0.4580, 0.4735, 1.5171

Inverse Universe

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



31.6473, 21.9522, 28.5565



52.1229, 32.5622, 42.3474



43.7088, 51.2588, 18.6579



10.2678, 10.1557, 11.5008



15.9413, 8.0663, 7.6028



0.7236, 0.3624, 0.5118

Previews

White Background



This preview shows how the XYZ color 24.4967, 26.0718, 55.3710 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4967, 26.0718, 55.3710 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 × Fail

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

XYZ 24.4967, 26.0718, 55.3710

Background



This preview shows how black text looks on a background with the XYZ color 24.4967, 26.0718, 55.3710.

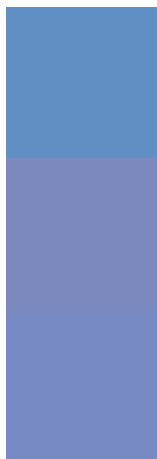


This preview shows how white text looks on a background with the XYZ color 24.4967, 26.0718,

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

24.4967, 26.0718, 55.3710

Protanopia

26.5180, 25.8639, 52.8848

Deuteranopia

26.6600, 26.0844, 55.8542



Tritanopia

20.9268, 25.9994, 37.6336

Trichromacy



Original Color

24.4967, 26.0718, 55.3710

Protanomaly

25.5571, 25.7817, 53.4985

Deuteranomaly

25.8974, 26.1212, 55.9015

Tritanomaly

22.0964, 26.0084, 43.3907

Monochromacy



Original Color

24.4967, 26.0718, 55.3710

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0594, 24.6762, 35.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4967, 26.0718, 55.3710 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(96, 143, 195) looks like.

```
.text, #text, p{  
    color:rgb(96, 143, 195)  
}
```

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(96, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 143, 195) }
```

Border

The CSS property to change the border of an element to XYZ 24.4967, 26.0718, 55.3710 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(96, 143, 195) }
```


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

```
.border{ border-color:rgb(96, 143, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(96, 143,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4967, 26.0718, 55.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 143, 195) }
```

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

```
.background{ background-color: rgb(96, 143,  
195) }
```

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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