

Converting Colors

XYZ(26.1829, 26.8744, 55.5023)

Have a look what the booklet for
XYZ(26.1829, 26.8744, 55.5023)
contains.

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Color

**XYZ(26.2283, 26.9646,
55.4521)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6F8FC3 |
| RGB | 111, 143, 195 |
| RGB Percent | 44%, 56%, 76% |
| CMY | 0.5647, 0.4392, 0.2353 |
| CMYK | 0.43, 0.27, 0.00, 0.24 |
| HSL | 217°, 41%, 60% |
| HSV | 217°, 43%, 76% |
| XYZ | 26.2283, 26.9646, 55.4521 |
| YIQ | 139.3600, -35.7640, 9.3880 |

Conversions

Conversions Part 2

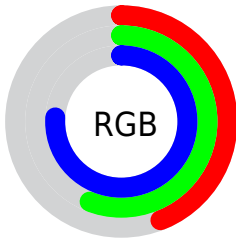
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 111, 134, 195 |
| Decimal | 7311299 |
| CIE _{Lab} | 58.94, 2.50, -30.51 |
| CIE _{LCh} | 59, 30.609, 274.682 |
| Yxy | 26.9646, 0.2414, 0.2482 |
| Android (android.graphics.Color) | 4285501379 (0xFF6F8FC3) |
| YUV | 139.3600, 27.4305, -24.8717 |
| Hunter-Lab | 51.9274, -0.7136, -26.9652 |

Details

The XYZ color **26.2283, 26.9646, 55.4521** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **38.4727, 38.9448, 20.5292**, and the grayscale version is **24.5875, 25.8680, 28.1702**.

A 20% lighter version of the original color is **53.2628, 55.0678, 99.9174**, and **10.4094, 10.6216, 26.7009** is the 20% darker color. If you saturate the color by 10%, you get **22.3216, 22.4041, 54.7782**, and if you desaturate by 10%, it is **30.8674, 32.1932, 56.2173**.

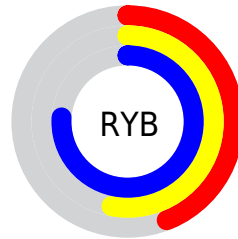
Distribution



Red (44%)

Green (56%)

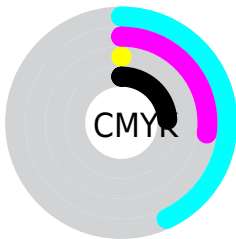
Blue (76%)



Red (44%)

Yellow (53%)

Blue (76%)

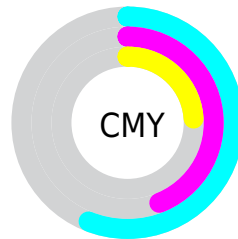


Cyan (43%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2283, 26.9646, 55.4521 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 26.2283, 26.9646, 55.4521 by changing the saturation by 10% instead.

■ 26.2283, 26.9646,
55.4521

■ 26.2283, 26.9646,
55.4521

276.1372,
287.4857, 424.9536

■ 17.1281, 17.5466,
39.3628

■ 53.0717, 54.8271,
99.6808

■ 10.4217, 10.6250,
26.7321

■ 71.5456, 74.0403,
128.6573

■ 5.7439, 5.8153,
17.1414

■ 93.8748, 97.2875,
162.7665

■ 2.7291, 2.7331,
10.1724

120.4246,
124.9530, 202.4271

■ 1.0122, 0.9940,
5.4063

151.5604,
157.4211, 248.0576

■ 0.0000, 0.0000,
2.4247

187.6475,

■ 0.0000, 0.0000,

195.0764, 300.0764

0.7998

229.0513,
238.3031, 358.9023

■ 0.0000, 0.0000,
0.0000

■ 26.2283, 26.9646,
55.4521

■ 26.2283, 26.9646,
55.4521

■ 22.3216, 22.4041,
54.7782

■ 30.8674, 32.1932,
56.2173

■ 19.1033, 18.4783,
54.1901

■ 36.2741, 38.1153,
57.0754

■ 16.5283, 15.1550,
53.6844

■ 42.4844, 44.7582,
58.0303

■ 14.5445, 12.3971,
53.2566

■ 49.5313, 52.1469,
59.0851

■ 13.0901, 10.1620,
52.9018

■ 57.4456, 60.3051,
60.2426

■ 12.3184, 8.8761,
52.6943

■ 66.2568, 69.2554,
61.5058

■ 75.9928, 79.0194,
62.8773

■ 82.1252, 87.2697,
64.1466

■ 85.7895, 94.5983,
65.3680

Harmonies

Analogous

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



22.6379, 26.9646, 52.5483



26.2283, 26.9646, 55.4521



30.0022, 26.9646, 50.0776

Triad

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



26.2283, 26.9646, 55.4521



32.0992, 26.9646, 19.0156



19.5912, 26.9646, 21.3102

Complementary

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



26.2283, 26.9646, 55.4521



38.4727, 38.9448, 20.5292

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.



21.7029, 26.9646, 15.3271



26.2283, 26.9646, 55.4521



28.8727, 26.9646, 14.2492

Square

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



26.2283, 26.9646, 55.4521



33.5977, 26.9646, 27.6896



25.0390, 26.9646, 13.0876



19.0319, 26.9646, 31.0960

Rectangle

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



26.2283, 26.9646, 55.4521



32.0452, 26.9646, 43.1500



25.0390, 26.9646, 13.0876



20.1321, 26.9646, 18.8737

Sweetspot

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



26.2292, 26.9656, 55.4527



75.9402, 80.0037, 103.9096



32.6643, 45.0476, 41.5307



16.0550, 16.9096, 22.6676



0.0000, 0.0000, 0.0000



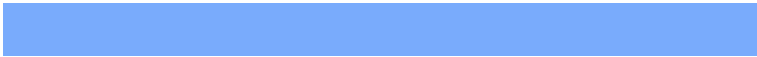
20.3446, 21.4041, 23.3091

Same Dimension

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



26.2292, 26.9656, 55.4527



40.1500, 40.3306, 98.1382



23.3928, 19.3604, 54.1343



9.8358, 10.3629, 12.7667



8.0817, 5.9198, 34.2733



0.4158, 0.3891, 1.5031

Inverse Universe

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



33.1488, 24.9550, 29.0573



54.5353, 37.4445, 42.9742



42.4409, 50.5177, 22.5538



10.2284, 10.1400, 11.2934



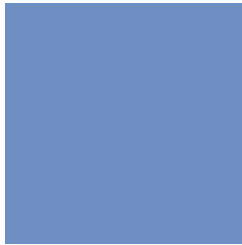
15.4752, 7.8798, 5.1486



0.7023, 0.3539, 0.3996

Previews

White Background



This preview shows how the XYZ color 26.2283, 26.9646, 55.4521 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 26.2283, 26.9646, 55.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

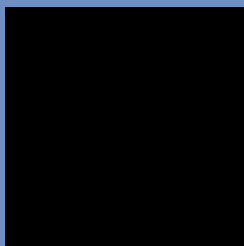
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

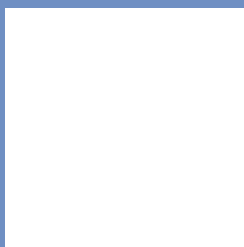
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2283, 26.9646, 55.4521

Background



This preview shows how black text looks on a background with the XYZ color 26.2283, 26.9646, 55.4521.



This preview shows how white text looks on a background with the XYZ color 26.2283, 26.9646,

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

26.2283, 26.9646, 55.4521

Protanopia

27.4967, 26.9976, 53.6310

Deuteranopia

27.6541, 27.0268, 55.9837



Tritanopia

22.6600, 26.8929, 37.7148

Trichromacy



Original Color

26.2283, 26.9646, 55.4521

Protanomaly

27.0357, 26.9650, 54.2319

Deuteranomaly

27.0964, 26.9572, 55.9997

Tritanomaly

23.8022, 26.8878, 43.4705

Monochromacy



Original Color

26.2283, 26.9646, 55.4521

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6894, 25.9265, 36.5039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2283, 26.9646, 55.4521 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(111, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(111, 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(111, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 143, 195) }
```

Border

The CSS property to change the border of an element to XYZ 26.2283, 26.9646, 55.4521 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(111, 143, 195) }
```


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

```
.border{ border-color:rgb(111, 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(111, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(111, 143,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2283, 26.9646, 55.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 143, 195) }
```

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

```
.background{ background-color: rgb(111,  
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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