

Converting Colors

XYZ(24.9656, 23.9862, 58.4946)

Have a look what the booklet for
XYZ(24.9656, 23.9862, 58.4946)
contains.

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Color

**XYZ(24.9782, 23.9077,
58.5565)**

Conversions

Conversions Part 1

Format	Color
Hex	6C84C9
RGB	108, 132, 201
RGB Percent	42%, 52%, 79%
CMY	0.5765, 0.4823, 0.2118
CMYK	0.46, 0.34, 0.00, 0.21
HSL	225°, 46%, 61%
HSV	225°, 46%, 79%
XYZ	24.9782, 23.9077, 58.5565
YIQ	132.6900, -36.4530, 16.3710

Conversions

Conversions Part 2

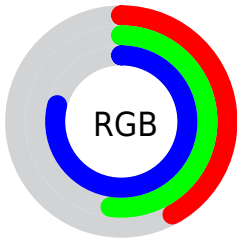
Format	Color
R _Y B	108, 127, 201
Decimal	7111881
CIE Lab	56.00, 9.94, -38.51
CIE LCh	56, 39.776, 284.474
Yxy	23.9077, 0.2325, 0.2225
Android (android.graphics.Color)	4285301961 (0xFF6C84C9)
YUV	132.6900, 33.6768, -21.6531
Hunter-Lab	48.8955, 5.6194, -36.7779

Details

The XYZ color **24.9782, 23.9077, 58.5565** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **42.5173, 44.9458, 20.6230**, and the grayscale version is **22.0736, 23.2231, 25.2900**.

A 20% lighter version of the original color is **50.5032, 49.7045, 101.5399**, and **9.7759, 9.0232, 28.8302** is the 20% darker color. If you saturate the color by 10%, you get **20.9298, 19.0304, 57.8289**, and if you desaturate by 10%, it is **29.8810, 29.6554, 59.4080**.

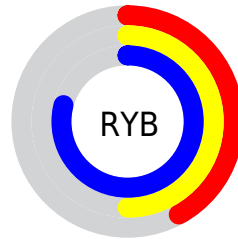
Distribution



Red (42%)

Green (52%)

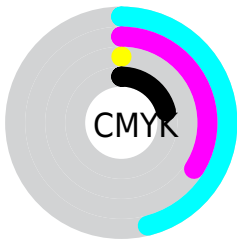
Blue (79%)



Red (42%)

Yellow (50%)

Blue (79%)

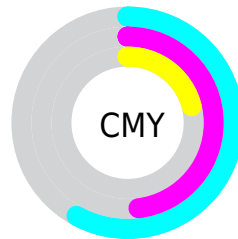


Cyan (46%)

Magenta (34%)

Yellow (0%)

Black (21%)



Cyan (58%)

Magenta (48%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9782, 23.9077, 58.5565 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 24.9782, 23.9077, 58.5565 by changing the saturation by 10% instead.

■ 24.9782, 23.9077,
58.5565

■ 24.9782, 23.9077,
58.5565

270.0790,
272.3535, 436.9124

■ 16.1895, 15.2652,
41.8385

■ 51.0650, 49.8795,
104.2556

■ 9.7500, 9.0057,
28.6503

■ 69.0938, 67.9776,
134.0738

■ 5.2945, 4.7449,
18.5731

■ 90.9333, 89.9964,
169.0958

■ 2.4576, 2.0984,
11.1885

■ 116.9488,
116.3201, 209.7402

■ 0.8739, 0.6637,
6.0780

147.5058,
147.3334, 256.4256

■ 0.0000, 0.0000,
2.8230

182.9696,

■ 0.0000, 0.0000,

183.4204, 309.5703

1.0050

223.7056,
224.9656, 369.5931

■ 0.0000, 0.0000,
0.0000

■ 24.9782, 23.9077,
58.5565

■ 24.9782, 23.9077,
58.5565

■ 20.9298, 19.0304,
57.8289

■ 29.8810, 29.6554,
59.4080

■ 17.6816, 14.9763,
57.2176

■ 35.6825, 36.3123,
60.3871

■ 15.1772, 11.6972,
56.7167

■ 42.4272, 43.9177,
61.4996

■ 13.3508, 9.1384,
56.3190

■ 50.1554, 52.5078,
62.7503

■ 12.1214, 7.2351,
56.0164

■ 58.9055, 62.1168,
64.1439

■ 11.7648, 6.6614,
55.9245

■ 68.7134, 72.7775,
65.6847

■ 79.6136, 84.5209,
67.3769

■ 86.3761, 94.6638,
68.9782

■ 87.5427, 96.9971,
69.3671

Harmonies

Analogous

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



20.4640, 23.9077, 58.3527



24.9782, 23.9077, 58.5565



29.4112, 23.9077, 48.2819

Triad

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



24.9782, 23.9077, 58.5565



29.5461, 23.9077, 12.1410



15.3016, 23.9077, 19.8912

Complementary

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



24.9782, 23.9077, 58.5565



42.5173, 44.9458, 20.6230

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.



17.1353, 23.9077, 11.9467



24.9782, 23.9077, 58.5565



25.1436, 23.9077, 8.5984

Square

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



24.9782, 23.9077, 58.5565



32.2774, 23.9077, 20.2644



20.6088, 23.9077, 8.5417



15.2697, 23.9077, 32.8004

Rectangle

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



24.9782, 23.9077, 58.5565



31.5555, 23.9077, 38.3723



20.6088, 23.9077, 8.5417



15.7155, 23.9077, 16.6685

Sweetspot

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



24.9791, 23.9086, 58.5571



75.2384, 78.0958, 105.7163



34.9281, 48.1046, 48.6232



15.5167, 16.0592, 22.5319



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.



24.9791, 23.9086, 58.5571



35.5129, 32.1886, 98.9490



25.0662, 19.6654, 57.7335



10.2755, 10.7251, 13.4461



7.4608, 4.3156, 35.1841



0.4139, 0.3255, 1.6862

Inverse Universe

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



33.6156, 24.8096, 24.8475



52.4851, 35.0640, 32.4564



42.2540, 52.4761, 22.0904



10.7443, 10.6811, 11.6369



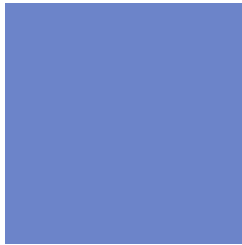
15.5652, 7.9756, 2.9203



0.7676, 0.3899, 0.2993

Previews

White Background



This preview shows how the XYZ color 24.9782, 23.9077, 58.5565 looks on a white background.

Color Contrast Check

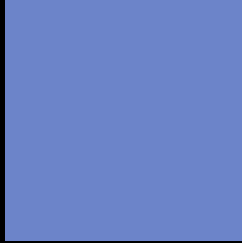
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9782, 23.9077, 58.5565 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 24.9782, 23.9077, 58.5565

Background



This preview shows how black text looks on a background with the XYZ color 24.9782, 23.9077, 58.5565.



This preview shows how white text looks on a background with the XYZ color 24.9782, 23.9077,

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

24.9782, 23.9077, 58.5565

Protanopia

25.2243, 24.0346, 58.5680

Deuteranopia

24.5237, 23.8757, 58.5743



Tritanopia

20.0389, 24.0256, 33.7182

Trichromacy



Original Color

24.9782, 23.9077, 58.5565

Protanomaly

25.1006, 23.9708, 58.5622

Deuteranomaly

24.7558, 23.9954, 58.5851

Tritanomaly

21.4898, 23.7319, 41.4783

Monochromacy



Original Color

24.9782, 23.9077, 58.5565

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8713, 23.5288, 35.6838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9782, 23.9077, 58.5565 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, 132, 201)` looks like.

```
.text, #text, p{  
    color:rgb(108, 132, 201)  
}
```

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, 132, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 132, 201) }
```

Border

The CSS property to change the border of an element to XYZ 24.9782, 23.9077, 58.5565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

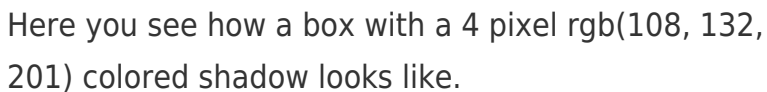
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 132, 201) }
```


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

```
.border{ border-color:rgb(108, 132, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 132, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 132, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 132, 201);  
box-shadow:4px 4px 4px 4px rgb(108, 132,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9782, 23.9077, 58.5565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 132, 201) }
```

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

```
.background{ background-color: rgb(108,  
132, 201) }
```

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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