

Converting Colors

XYZ(24.5020, 25.7080, 48.4711)

Have a look what the booklet for
XYZ(24.5020, 25.7080, 48.4711)
contains.

XYZ(24.5025, 25.7836, 48.4851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.5025, 25.7836,
48.4851)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8DB7
RGB	110, 141, 183
RGB Percent	43%, 55%, 72%
CMY	0.5686, 0.4470, 0.2823
CMYK	0.40, 0.23, 0.00, 0.28
HSL	215°, 34%, 57%
HSV	215°, 40%, 72%
XYZ	24.5025, 25.7836, 48.4851
YIQ	136.5190, -31.9580, 6.4900

Conversions

Conversions Part 2

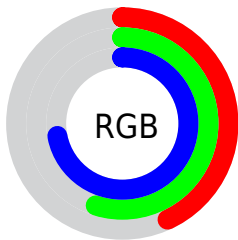
Format	Color
R_{YB}	110, 132, 183
Decimal	7245239
CIE _{Lab}	57.83, -0.02, -25.43
CIE _{LCh}	58, 25.431, 269.961
Yxy	25.7836, 0.2481, 0.2610
Android (android.graphics.Color)	4285435319 (0xFF6E8DB7)
YUV	136.5190, 22.9151, -23.2572
Hunter-Lab	50.7776, -2.7263, -21.0689

Details

The XYZ color **24.5025, 25.7836, 48.4851** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **33.5718, 33.6503, 19.4785**, and the grayscale version is **23.5223, 24.7473, 26.9498**.

A 20% lighter version of the original color is **50.1816, 52.7081, 89.1902**, and **9.5153, 9.9934, 22.5465** is the 20% darker color. If you saturate the color by 10%, you get **20.9771, 21.7705, 47.8968**, and if you desaturate by 10%, it is **28.6474, 30.3362, 49.1459**.

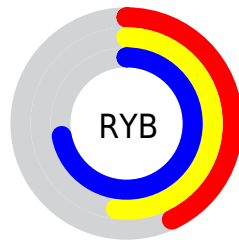
Distribution



Red (43%)

Green (55%)

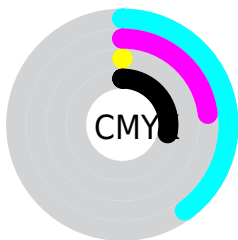
Blue (72%)



Red (43%)

Yellow (52%)

Blue (72%)

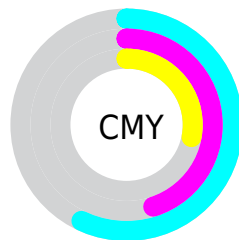


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (57%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5025, 25.7836, 48.4851 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 24.5025, 25.7836, 48.4851 by changing the saturation by 10% instead.

■ 24.5025, 25.7836,
48.4851

■ 24.5025, 25.7836,
48.4851

267.7448,
281.7182, 397.2758

■ 15.8335, 16.6618,
33.8485

■ 50.2977, 52.9256,
89.2993

■ 9.4965, 9.9937,
22.5008

■ 68.1547, 71.7147,
116.3139

■ 5.1261, 5.3948,
14.0235

■ 89.8050, 94.4949,
148.2917

■ 2.3570, 2.4807,
7.9981

■ 115.6141,
121.6508, 185.6511

■ 0.8236, 0.8669,
4.0060

145.9472,
153.5666, 228.8106

■ 0.0000, 0.0000,
1.6286

181.1698,

■ 0.0000, 0.0000,

190.6269, 278.1889

0.3111

221.6472,
233.2159, 334.2044

■ 0.0000, 0.0000,
0.0000

■ 24.5025, 25.7836,
48.4851

■ 24.5025, 25.7836,
48.4851

■ 20.9771, 21.7705,
47.8968

■ 28.6474, 30.3362,
49.1459

■ 18.0355, 18.2709,
47.3763

■ 33.4398, 35.4471,
49.8798

■ 15.6417, 15.2603,
46.9214

■ 38.9091, 41.1375,
50.6899

■ 13.7544, 12.7109,
46.5288

■ 45.0819, 47.4266,
51.5784

■ 12.3255, 10.5909,
46.1949

■ 51.9835, 54.3326,
52.5477

■ 11.2622, 8.8449,
45.9139

■ 59.6376, 61.8729,
53.5997

■ 11.2514, 8.8270,
45.9110

■ 68.0672, 70.0642,
54.7365

■ 76.7755, 78.6552,
55.9357

■ 79.7141, 84.5325,
56.9153

Harmonies

Analogous

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



21.6816, 25.7836, 45.3041



24.5025, 25.7836, 48.4851



27.5592, 25.7836, 45.3200

Triad

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



24.5025, 25.7836, 48.4851



29.9571, 25.7836, 20.4815



19.7643, 25.7836, 20.4653

Complementary

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



24.5025, 25.7836, 48.4851



33.5718, 33.6503, 19.4785

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.



21.6880, 25.7836, 15.8741



24.5025, 25.7836, 48.4851



27.5668, 25.7836, 15.8820

Square

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



24.5025, 25.7836, 48.4851



30.8636, 25.7836, 28.0855



24.5106, 25.7836, 14.3857



19.0884, 25.7836, 28.0624

Rectangle

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



24.5025, 25.7836, 48.4851



29.2853, 25.7836, 40.3490



24.5106, 25.7836, 14.3857



20.2781, 25.7836, 18.5812

Sweetspot

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



24.5034, 25.7846, 48.4857



67.3130, 71.2288, 90.4365



28.9804, 39.4289, 35.5184



14.5799, 15.4345, 19.9323



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.5034, 25.7846, 48.4857



38.2094, 39.7326, 85.8910



21.1767, 18.2075, 47.1985



8.8262, 9.3296, 11.4150



7.9142, 6.2880, 32.0497



0.3406, 0.3449, 1.1504

Inverse Universe

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



29.9128, 23.1431, 28.0907



49.5112, 35.2407, 43.0503



38.1393, 44.4741, 21.3269



9.1586, 9.0738, 10.1827



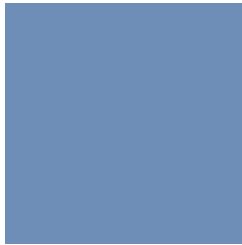
14.6084, 7.4171, 5.8246



0.5461, 0.2739, 0.3691

Previews

White Background



This preview shows how the XYZ color 24.5025, 25.7836, 48.4851 looks on a white background.

Color Contrast Check

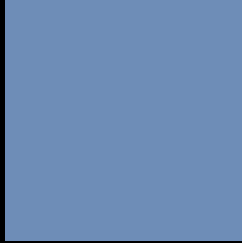
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5025, 25.7836, 48.4851 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

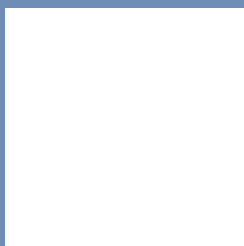
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5025, 25.7836, 48.4851

Background



This preview shows how black text looks on a background with the XYZ color 24.5025, 25.7836, 48.4851.



This preview shows how white text looks on a background with the XYZ color 24.5025, 25.7836,

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

24.5025, 25.7836, 48.4851

Protanopia

25.9363, 25.6986, 46.7734

Deuteranopia

26.2083, 25.5810, 48.9037



Tritanopia

21.9582, 25.8757, 35.7355

Trichromacy



Original Color

24.5025, 25.7836, 48.4851

Protanomaly

25.3141, 25.5781, 47.3189

Deuteranomaly

25.6254, 25.7026, 48.9579

Tritanomaly

22.8001, 25.7639, 39.8476

Monochromacy



Original Color

24.5025, 25.7836, 48.4851

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6736, 25.0221, 34.1539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5025, 25.7836, 48.4851 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(110, 141, 183)` looks like.

```
.text, #text, p{  
    color:rgb(110, 141, 183)  
}
```

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(110, 141, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 141, 183) }
```

Border

The CSS property to change the border of an element to XYZ 24.5025, 25.7836, 48.4851 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(110, 141, 183) }
```


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

```
.border{ border-color:rgb(110, 141, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 141, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 141, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 141, 183);  
box-shadow:4px 4px 4px 4px rgb(110, 141,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5025, 25.7836, 48.4851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 141, 183) }
```

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

```
.background{ background-color: rgb(110,  
141, 183) }
```

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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