

Converting Colors

XYZ(25.5207, 24.4443, 48.9079)

Have a look what the booklet for
XYZ(25.5207, 24.4443, 48.9079)
contains.

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Color

**XYZ(25.5072, 24.3988,
48.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	7E84B8
RGB	126, 132, 184
RGB Percent	49%, 52%, 72%
CMY	0.5059, 0.4823, 0.2784
CMYK	0.32, 0.28, 0.00, 0.28
HSL	234°, 29%, 61%
HSV	234°, 32%, 72%
XYZ	25.5072, 24.3988, 48.7125
YIQ	136.1340, -20.2680, 14.9000

Conversions

Conversions Part 2

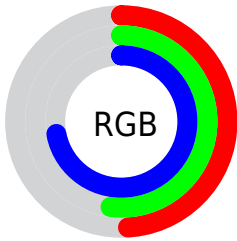
Format	Color
R _Y B	126, 131, 184
Decimal	8291512
CIE Lab	56.48, 10.08, -27.99
CIE LCh	56, 29.749, 289.799
Yxy	24.3988, 0.2586, 0.2474
Android (android.graphics.Color)	4286481592 (0xFF7E84B8)
YUV	136.1340, 23.5979, -8.8875
Hunter-Lab	49.3951, 5.7343, -23.8940

Details

The XYZ color **25.5072, 24.3988, 48.7125** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.4541, 43.5382, 26.0639**, and the grayscale version is **23.3724, 24.5896, 26.7780**.

A 20% lighter version of the original color is **51.8995, 50.6925, 89.4873**, and **10.0916, 9.3211, 22.7400** is the 20% darker color. If you saturate the color by 10%, you get **20.9765, 19.0011, 47.9099**, and if you desaturate by 10%, it is **30.8923, 30.7631, 49.6575**.

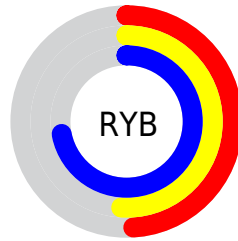
Distribution



Red (49%)

Green (52%)

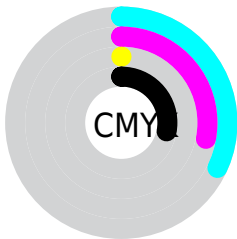
Blue (72%)



Red (49%)

Yellow (51%)

Blue (72%)

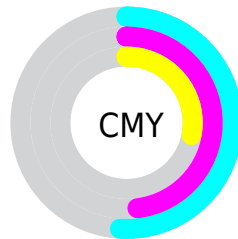


Cyan (32%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5072, 24.3988, 48.7125 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 25.5072, 24.3988, 48.7125 by changing the saturation by 10% instead.

■ 25.5072, 24.3988,
48.7125

■ 25.5072, 24.3988,
48.7125

272.6558,
274.8305, 398.1993

■ 16.5861, 15.6297,
34.0275

■ 51.9159, 50.6802,
89.6409

■ 10.0333, 9.2625,
22.6372

■ 70.1341, 68.9613,
116.7213

■ 5.4835, 4.9128,
14.1231

■ 92.1821, 91.1819,
148.7706

■ 2.5713, 2.1962,
8.0666

118.4252,
117.7263, 186.2073

■ 0.9313, 0.7179,
4.0492

149.2288,
148.9790, 229.4500

■ 0.0000, 0.0000,
1.6524

184.9581,

■ 0.0000, 0.0000,

185.3243, 278.9172

0.3278

225.9787,
227.1467, 335.0275

■ 0.0000, 0.0000,
0.0000

■ 25.5072, 24.3988,
48.7125

■ 25.5072, 24.3988,
48.7125

■ 20.9765, 19.0011,
47.9099

■ 30.8923, 30.7631,
49.6575

■ 17.2538, 14.5200,
47.2411

■ 37.1702, 38.1353,
50.7496

■ 14.2920, 10.9050,
46.6995

■ 44.3798, 46.5575,
51.9953

■ 12.0379, 8.0998,
46.2768

■ 52.5571, 56.0688,
53.4002

■ 10.4317, 6.0411,
45.9641

■ 61.7360, 66.7062,
54.9696

■ 9.4032, 4.6564,
45.7510

■ 71.9491, 78.5049,
56.7087

■ 8.8853, 3.9276,
45.6377

■ 83.2272, 91.4987,
58.6223

■ 85.6518, 96.2407,
59.4098

Harmonies

Analogous

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



22.0368, 24.3988, 49.9536



25.5072, 24.3988, 48.7125



28.6267, 24.3988, 40.7897

Triad

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



25.5072, 24.3988, 48.7125



27.7343, 24.3988, 14.5509



17.2626, 24.3988, 23.3458

Complementary

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



25.5072, 24.3988, 48.7125



39.4541, 43.5382, 26.0639

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.



18.4899, 24.3988, 16.1057



25.5072, 24.3988, 48.7125



24.3835, 24.3988, 11.9273

Square

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



25.5072, 24.3988, 48.7125



29.9981, 24.3988, 20.6444



21.0182, 24.3988, 12.4155



17.4993, 24.3988, 33.5241

Rectangle

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



25.5072, 24.3988, 48.7125



29.9792, 24.3988, 33.6707



21.0182, 24.3988, 12.4155



17.5125, 24.3988, 20.5386

Sweetspot

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



25.5080, 24.3997, 48.7131



70.3225, 72.5733, 92.5063



33.7045, 41.9009, 48.0288



14.7702, 15.1891, 19.8749



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.



25.5080, 24.3997, 48.7131



40.2408, 37.0928, 87.2433



28.3684, 24.7011, 48.6205



8.5939, 8.8650, 11.3376



6.1493, 2.7583, 31.4614



0.2417, 0.1471, 1.1174

Inverse Universe

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



31.3936, 26.7789, 25.3449



52.6946, 42.3156, 37.7545



35.7600, 43.4449, 26.2406



9.0414, 9.0269, 9.5652



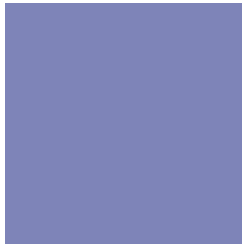
13.7176, 7.0608, 1.1336



0.4962, 0.2539, 0.1062

Previews

White Background



This preview shows how the XYZ color 25.5072, 24.3988, 48.7125 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 25.5072, 24.3988, 48.7125 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 25.5072, 24.3988, 48.7125

Background



This preview shows how black text looks on a background with the XYZ color 25.5072, 24.3988, 48.7125.



This preview shows how white text looks on a background with the XYZ color 25.5072, 24.3988,

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

25.5072, 24.3988, 48.7125

Protanopia

25.0278, 24.5460, 49.3177

Deuteranopia

24.9244, 24.3007, 48.7242



Tritanopia

22.3454, 24.5892, 32.4226

Trichromacy



Original Color

25.5072, 24.3988, 48.7125

Protanomaly

25.1705, 24.4154, 49.2850

Deuteranomaly

25.2076, 24.4467, 48.7375

Tritanomaly

23.3518, 24.3545, 37.6525

Monochromacy



Original Color

25.5072, 24.3988, 48.7125

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9295, 24.5334, 33.6112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5072, 24.3988, 48.7125 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(126, 132, 184)` looks like.

```
.text, #text, p{  
    color:rgb(126, 132, 184)  
}
```

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(126, 132, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 132, 184) }
```

Border

The CSS property to change the border of an element to XYZ 25.5072, 24.3988, 48.7125 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(126, 132, 184) }
```


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

```
.border{ border-color:rgb(126, 132, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 132, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 132, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 132, 184);  
box-shadow:4px 4px 4px 4px rgb(126, 132,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5072, 24.3988, 48.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 132, 184) }
```

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

```
.background{ background-color: rgb(126,  
132, 184) }
```

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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