

Converting Colors

XYZ(25.5596, 24.3795, 50.0248)

Have a look what the booklet for
XYZ(25.5596, 24.3795, 50.0248)
contains.

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Color

**XYZ(25.5716, 24.4077,
49.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	7D84BA
RGB	125, 132, 186
RGB Percent	49%, 52%, 73%
CMY	0.5098, 0.4823, 0.2706
CMYK	0.33, 0.29, 0.00, 0.27
HSL	233°, 31%, 61%
HSV	233°, 33%, 73%
XYZ	25.5716, 24.4077, 49.8178
YIQ	136.0630, -21.5060, 15.3100

Conversions

Conversions Part 2

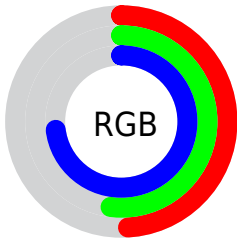
Format	Color
R_{YB}	125, 131, 186
Decimal	8225978
CIE _{Lab}	56.49, 10.31, -29.12
CIE _{LCh}	56, 30.894, 289.494
Yxy	24.4077, 0.2562, 0.2446
Android (android.graphics.Color)	4286416058 (0xFF7D84BA)
YUV	136.0630, 24.6189, -9.7023
Hunter-Lab	49.4041, 5.9344, -25.2035

Details

The XYZ color **25.5716, 24.4077, 49.8178** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **40.0719, 44.1602, 25.8145**, and the grayscale version is **23.3425, 24.5581, 26.7438**.

A 20% lighter version of the original color is **51.9664, 50.6924, 91.0501**, and **10.1509, 9.3358, 23.4573** is the 20% darker color. If you saturate the color by 10%, you get **21.0470, 19.0185, 49.0165**, and if you desaturate by 10%, it is **30.9588, 30.7658, 50.7615**.

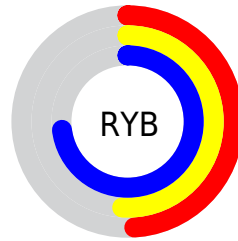
Distribution



Red (49%)

Green (52%)

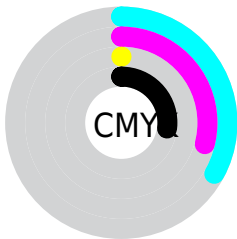
Blue (73%)



Red (49%)

Yellow (51%)

Blue (73%)

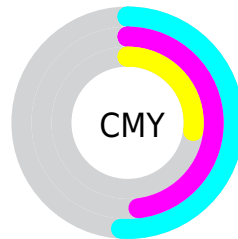


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5716, 24.4077, 49.8178 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 25.5716, 24.4077, 49.8178 by changing the saturation by 10% instead.

■ 25.5716, 24.4077,
49.8178

■ 25.5716, 24.4077,
49.8178

272.9681,
274.8752, 402.6676

■ 16.6344, 15.6363,
34.8985

■ 52.0193, 50.6947,
91.2984

■ 10.0679, 9.2672,
23.3018

■ 70.2605, 68.9791,
118.6967

■ 5.5066, 4.9159,
14.6091

■ 92.3337, 91.2033,
151.0918

■ 2.5852, 2.1980,
8.4019

118.6044,
117.7517, 188.9022

■ 0.9384, 0.7189,
4.2618

149.4378,
149.0087, 232.5465

■ 0.0000, 0.0000,
1.7700

185.1993,

■ 0.0000, 0.0000,

185.3587, 282.4431

0.4081

226.2543,
227.1861, 339.0106

■ 0.0000, 0.0000,
0.0000

■ 25.5716, 24.4077,
49.8178

■ 25.5716, 24.4077,
49.8178

■ 21.0470, 19.0185,
49.0165

■ 30.9588, 30.7658,
50.7615

■ 17.3375, 14.5476,
48.3490

■ 37.2476, 38.1341,
51.8523

■ 14.3949, 10.9443,
47.8086

■ 44.4779, 46.5554,
53.0967

■ 12.1648, 8.1517,
47.3871

■ 52.6863, 56.0687,
54.5003

■ 10.5855, 6.1059,
47.0755

■ 61.9074, 66.7113,
56.0685

■ 9.5847, 4.7333,
46.8633

■ 72.1742, 78.5187,
57.8065

■ 9.1376, 4.0944,
46.7635

■ 83.4436, 91.4863,
59.7155

■ 85.8630, 96.3252,
60.5220

Harmonies

Analogous

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



21.9666, 24.4077, 51.0428



25.5716, 24.4077, 49.8178



28.8338, 24.4077, 41.5410

Triad

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



25.5716, 24.4077, 49.8178



27.9614, 24.4077, 14.2317



17.0695, 24.4077, 23.1419

Complementary

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



25.5716, 24.4077, 49.8178



40.0719, 44.1602, 25.8145

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.



18.3504, 24.4077, 15.7207



25.5716, 24.4077, 49.8178



24.4763, 24.4077, 11.5271

Square

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



25.5716, 24.4077, 49.8178



30.3087, 24.4077, 20.5271



20.9775, 24.4077, 11.9911



17.2980, 24.4077, 33.7094

Rectangle

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



25.5716, 24.4077, 49.8178



30.2591, 24.4077, 34.0943



20.9775, 24.4077, 11.9911



17.3322, 24.4077, 20.2529

Sweetspot

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



25.5724, 24.4086, 49.8184



70.7906, 72.9452, 94.5502



34.1418, 42.7283, 49.0344



15.1982, 15.6075, 20.7541



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.5724, 24.4086, 49.8184



40.5683, 37.3647, 89.2753



28.4794, 24.5449, 49.6914



8.6019, 8.8811, 11.3403



6.1766, 2.8129, 31.4705



0.2451, 0.1540, 1.1185

Inverse Universe

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



31.7489, 26.7730, 25.3252



53.4828, 42.5199, 38.0145



36.2871, 44.3452, 26.0497



9.0454, 9.0285, 9.5866



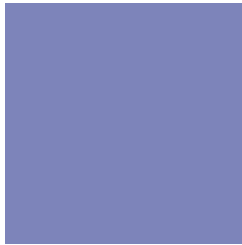
13.7313, 7.0663, 1.2061



0.4979, 0.2546, 0.1154

Previews

White Background



This preview shows how the XYZ color 25.5716, 24.4077, 49.8178 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 25.5716, 24.4077, 49.8178 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 25.5716, 24.4077, 49.8178

Background



This preview shows how black text looks on a background with the XYZ color 25.5716, 24.4077, 49.8178.



This preview shows how white text looks on a background with the XYZ color 25.5716, 24.4077,

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

25.5716, 24.4077, 49.8178

Protanopia

24.9649, 24.2849, 50.3854

Deuteranopia

25.1338, 24.5884, 49.8757



Tritanopia

22.0738, 24.4492, 32.4099

Trichromacy



Original Color

25.5716, 24.4077, 49.8178

Protanomaly

25.2423, 24.4279, 50.3983

Deuteranomaly

25.2765, 24.4578, 49.8430

Tritanomaly

23.1607, 24.2457, 38.1095

Monochromacy



Original Color

25.5716, 24.4077, 49.8178

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0124, 24.5666, 34.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5716, 24.4077, 49.8178 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(125, 132, 186)` looks like.

```
.text, #text, p{  
    color:rgb(125, 132, 186)  
}
```

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(125, 132, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 132, 186) }
```

Border

The CSS property to change the border of an element to XYZ 25.5716, 24.4077, 49.8178 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(125, 132, 186) }
```


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

```
.border{ border-color:rgb(125, 132, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 132, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 132, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 132, 186);  
box-shadow:4px 4px 4px 4px rgb(125, 132,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5716, 24.4077, 49.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 132, 186) }
```

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

```
.background{ background-color: rgb(125,  
132, 186) }
```

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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