

Converting Colors

XYZ(25.1508, 18.5847, 62.9180)

Have a look what the booklet for
XYZ(25.1508, 18.5847, 62.9180)
contains.

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Color

**XYZ(25.1886, 18.5497,
63.2256)**

Conversions

Conversions Part 1

Format	Color
Hex	8065D2
RGB	128, 101, 210
RGB Percent	50%, 40%, 82%
CMY	0.4980, 0.6039, 0.1765
CMYK	0.39, 0.52, 0.00, 0.18
HSL	255°, 55%, 61%
HSV	255°, 52%, 82%
XYZ	25.1886, 18.5497, 63.2256
YIQ	121.4990, -18.8970, 39.6230

Conversions

Conversions Part 2

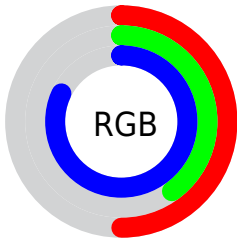
Format	Color
RYB	128, 101, 210
Decimal	8414674
CIELab	50.16, 36.01, -52.79
CIElCh	50, 63.903, 304.295
Yxy	18.5497, 0.2355, 0.1734
Android (android.graphics.Color)	4286604754 (0xFF8065D2)
YUV	121.4990, 43.6310, 5.7014
Hunter-Lab	43.0694, 29.0222, -56.8889

Details

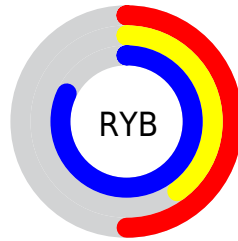
The XYZ color **25.1886, 18.5497, 63.2256** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **44.9240, 57.1002, 20.9661**, and the grayscale version is **18.2035, 19.1515, 20.8560**.

A 20% lighter version of the original color is **49.2084, 40.1928, 99.7722**, and **9.8620, 6.2905, 31.7047** is the 20% darker color. If you saturate the color by 10%, you get **21.2100, 13.8490, 62.5283**, and if you desaturate by 10%, it is **30.0596, 24.4841, 64.1147**.

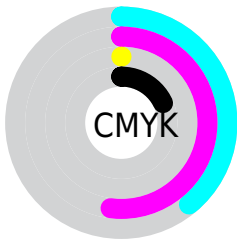
Distribution



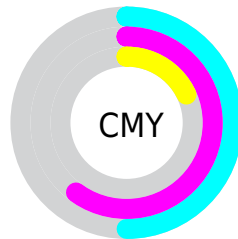
- Red (50%)
- Green (40%)
- Blue (82%)



- Red (50%)
- Yellow (40%)
- Blue (82%)



- Cyan (39%)
- Magenta (52%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (60%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1886, 18.5497, 63.2256 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 25.1886, 18.5497, 63.2256 by changing the saturation by 10% instead.

■ 25.1886, 18.5497,
63.2256

■ 25.1886, 18.5497,
63.2256

271.1062,
243.9514, 454.5182

■ 16.3471, 11.3454,
45.5816

■ 51.4037, 40.9718,
111.0836

■ 9.8625, 6.2996,
31.5695

■ 69.5080, 56.9583,
142.1347

■ 5.3695, 3.0281,
20.7708

■ 91.4307, 76.6411,
178.4919

■ 2.5026, 1.1464,
12.7669

■ 117.5370,
100.4044, 220.5737

■ 0.8966, 0.0173,
7.1394

148.1924,
128.6327, 268.7987

■ 0.0000, 0.0000,
3.4697

183.7621,

■ 0.0000, 0.0000,

161.7104, 323.5855

1.3392

224.6116,
200.0218, 385.3524

■ 0.0000, 0.0000,
0.0936

■ 0.0000, 0.0000,
0.0000

■ 25.1886, 18.5497,
63.2256

■ 25.1886, 18.5497,
63.2256

■ 21.2100, 13.8490,
62.5283

■ 30.0596, 24.4841,
64.1147

■ 18.0639, 10.2903,
62.0073

■ 35.8729, 31.7310,
65.2071

■ 15.6861, 7.7716,
61.6464

■ 42.6772, 40.3648,
66.5150

■ 14.0009, 6.1715,
61.4264

■ 50.5172, 50.4536,
68.0491

■ 13.0502, 5.3838,
61.3245

■ 59.4348, 62.0611,
69.8196

■ 69.4695, 75.2472,
71.8358

■ 80.6588, 90.0685,
74.1069

■ 88.4074, 97.3169,
75.0976

■ 88.6329, 97.4332,
75.1081

Harmonies

Analogous

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



18.5337, 18.5497, 76.4828



25.1886, 18.5497, 63.2256



30.6130, 18.5497, 38.7890

Triad

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



25.1886, 18.5497, 63.2256



23.2880, 18.5497, 2.4526



8.2556, 18.5497, 22.8482

Complementary

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



25.1886, 18.5497, 63.2256



44.9240, 57.1002, 20.9661

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.



8.9621, 18.5497, 8.7617



25.1886, 18.5497, 63.2256



16.7580, 18.5497, 1.7361

Square

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



25.1886, 18.5497, 63.2256



29.3483, 18.5497, 6.4726



11.7600, 18.5497, 3.1304



9.5395, 18.5497, 45.9987

Rectangle

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



25.1886, 18.5497, 63.2256



32.2510, 18.5497, 23.7632



11.7600, 18.5497, 3.1304



8.2710, 18.5497, 17.0076

Sweetspot

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



25.1894, 18.5504, 63.2261



72.9830, 71.3108, 104.5255



34.2586, 41.9372, 67.2622



15.0818, 14.5694, 22.2672



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.



25.1894, 18.5504, 63.2261



32.4794, 20.9906, 96.9475



35.3274, 23.7767, 63.7005



11.4341, 11.5571, 14.8718



8.0382, 3.3241, 37.4105



0.5233, 0.2239, 2.0952

Inverse Universe

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



39.7795, 26.4283, 47.8037



57.8788, 34.7403, 68.5089



34.6122, 51.7843, 20.4835



12.1804, 11.9569, 14.2259



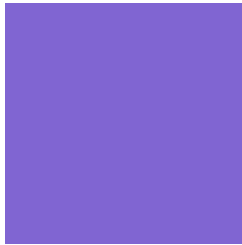
20.0177, 9.8799, 20.7970



1.1498, 0.5646, 1.3236

Previews

White Background



This preview shows how the XYZ color 25.1886, 18.5497, 63.2256 looks on a white background.

Color Contrast Check

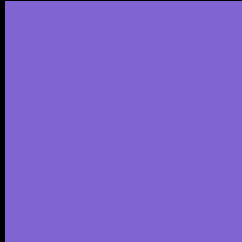
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1886, 18.5497, 63.2256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

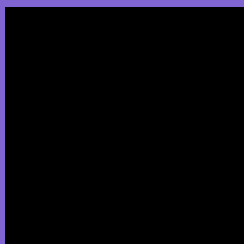
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1886, 18.5497, 63.2256

Background



This preview shows how black text looks on a background with the XYZ color 25.1886, 18.5497, 63.2256.



This preview shows how white text looks on a background with the XYZ color 25.1886, 18.5497,

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

25.1886, 18.5497, 63.2256

Protanopia

21.6995, 18.8877, 73.7362

Deuteranopia

19.3941, 18.8610, 61.0109



Tritanopia

17.2970, 18.6014, 23.7979

Trichromacy



Original Color

25.1886, 18.5497, 63.2256

Protanomaly

22.3490, 18.4675, 70.0968

Deuteranomaly

20.5881, 18.2451, 61.4680

Tritanomaly

19.6114, 18.3197, 35.3033

Monochromacy



Original Color

25.1886, 18.5497, 63.2256

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.1622, 18.6528, 33.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1886, 18.5497, 63.2256 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(128, 101, 210)` looks like.

```
.text, #text, p{  
    color:rgb(128, 101, 210)  
}
```

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(128, 101, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 101, 210) }
```

Border

The CSS property to change the border of an element to XYZ 25.1886, 18.5497, 63.2256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

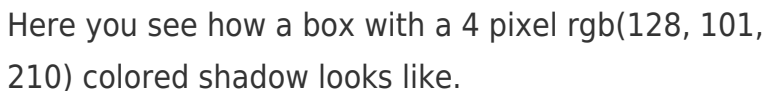
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 101, 210) }
```


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

```
.border{ border-color:rgb(128, 101, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 101, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 101, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 101, 210); box-shadow:4px 4px 4px 4px rgb(128, 101, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1886, 18.5497, 63.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 101, 210) }
```

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

```
.background{ background-color: rgb(128,  
101, 210) }
```

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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