

Converting Colors

XYZ(25.6498, 19.8684, 62.1576)

Have a look what the booklet for
XYZ(25.6498, 19.8684, 62.1576)
contains.

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Color

**XYZ(25.6498, 19.8684,
62.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	806CD0
RGB	128, 108, 208
RGB Percent	50%, 42%, 82%
CMY	0.4980, 0.5765, 0.1843
CMYK	0.38, 0.48, 0.00, 0.18
HSL	252°, 52%, 62%
HSV	252°, 48%, 82%
XYZ	25.6498, 19.8684, 62.1576
YIQ	125.3800, -20.1800, 35.3400

Conversions

Conversions Part 2

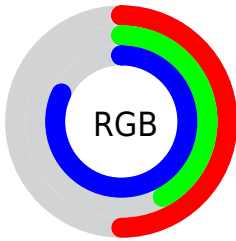
Format	Color
R_{YB}	128, 108, 208
Decimal	8416464
CIE _{Lab}	51.69, 31.35, -49.21
CIE _{LCh}	52, 58.346, 302.503
Yxy	19.8684, 0.2382, 0.1845
Android (android.graphics.Color)	4286606544 (0xFF806CD0)
YUV	125.3800, 40.7317, 2.2977
Hunter-Lab	44.5740, 24.7122, -51.4770

Details

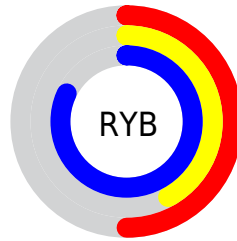
The XYZ color **25.6498, 19.8684, 62.1576** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **46.0018, 56.8861, 22.7435**, and the grayscale version is **19.4935, 20.5087, 22.3340**.

A 20% lighter version of the original color is **50.3880, 42.5520, 100.1654**, and **10.1133, 6.9481, 30.9451** is the 20% darker color. If you saturate the color by 10%, you get **21.4112, 14.8064, 61.4043**, and if you desaturate by 10%, it is **30.8237, 26.1899, 63.1055**.

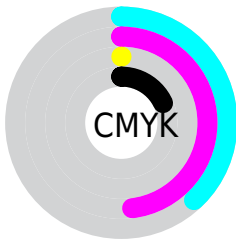
Distribution



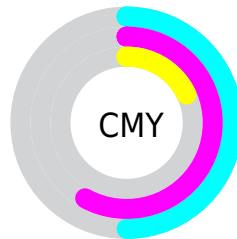
- Red (50%)
- Green (42%)
- Blue (82%)



- Red (50%)
- Yellow (42%)
- Blue (82%)



- Cyan (38%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (58%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6498, 19.8684, 62.1576 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 25.6498, 19.8684, 62.1576 by changing the saturation by 10% instead.

■ 25.6498, 19.8684,
62.1576

■ 25.6498, 19.8684,
62.1576

273.3470,
251.2018, 450.5292

■ 16.6931, 12.2994,
44.7234

■ 52.1448, 43.1964,
109.5271

■ 10.1099, 6.9479,
30.8983

■ 70.4138, 59.7243,
140.2995

■ 5.5347, 3.4296,
20.2636

■ 92.5177, 80.0072,
176.3550

■ 2.6022, 1.3599,
12.4008

■ 118.8218,
104.4296, 218.1123

■ 0.9471, 0.1869,
6.8914

149.6914,
133.3759, 265.9898

■ 0.0000, 0.0000,
3.3169

185.4919,

■ 0.0000, 0.0000,

167.2304, 320.4061

1.2586

226.5887,
206.3776, 381.7798

■ 0.0000, 0.0000,
0.0275

■ 0.0000, 0.0000,
0.0000

■ 25.6498, 19.8684,
62.1576

■ 25.6498, 19.8684,
62.1576

■ 21.4112, 14.8064,
61.4043

■ 30.8237, 26.1899,
63.1055

■ 18.0477, 10.9158,
60.8306

■ 36.9832, 33.8465,
64.2587

■ 15.4955, 8.1004,
60.4217

■ 44.1778, 42.9104,
65.6290

■ 13.6806, 6.2472,
60.1597

■ 52.4529, 53.4479,
67.2268

■ 12.5023, 5.1944,
60.0186

■ 61.8512, 65.5210,
69.0618

■ 12.3239, 5.0380,
59.9978

■ 72.4130, 79.1882,
71.1432

■ 84.1765, 94.5050,
73.4796

■ 88.3852, 97.3341,
73.8039

Harmonies

Analogous

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



19.3834, 19.8684, 72.9360



25.6498, 19.8684, 62.1576



30.8221, 19.8684, 40.3382

Triad

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



25.6498, 19.8684, 62.1576



24.6130, 19.8684, 3.7288



9.6764, 19.8684, 23.0815

Complementary

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



25.6498, 19.8684, 62.1576



46.0018, 56.8861, 22.7435

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.



10.5119, 19.8684, 9.8444



25.6498, 19.8684, 62.1576



18.3938, 19.8684, 2.7127

Square

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



25.6498, 19.8684, 62.1576



30.1413, 19.8684, 8.4626



13.4272, 19.8684, 4.1852



10.8503, 19.8684, 44.1718

Rectangle

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



25.6498, 19.8684, 62.1576



32.4913, 19.8684, 26.1490



13.4272, 19.8684, 4.1852



9.7316, 19.8684, 17.6700

Sweetspot

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



25.6506, 19.8691, 62.1581



74.9622, 74.2798, 104.9942



35.5532, 43.7092, 66.2378



15.4498, 15.1427, 22.3585



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.



25.6506, 19.8691, 62.1581



33.5826, 23.0478, 97.2864



35.1084, 24.7448, 62.6007



11.3814, 11.5299, 14.8693



7.7445, 3.1727, 37.3967



0.4989, 0.2114, 2.0941

Inverse Universe

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



40.4524, 27.7664, 50.8040



60.1558, 37.2553, 75.5538



35.7444, 51.5982, 22.2635



12.2052, 11.9668, 14.3566



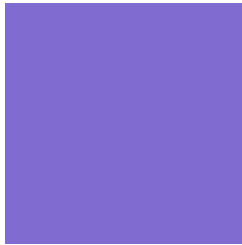
20.5601, 10.0969, 23.6533



1.1760, 0.5751, 1.4615

Previews

White Background



This preview shows how the XYZ color 25.6498, 19.8684, 62.1576 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 25.6498, 19.8684, 62.1576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

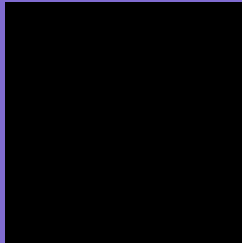
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6498, 19.8684, 62.1576

Background



This preview shows how black text looks on a background with the XYZ color 25.6498, 19.8684, 62.1576.



This preview shows how white text looks on a background with the XYZ color 25.6498, 19.8684,

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

25.6498, 19.8684, 62.1576

Protanopia

22.4831, 20.0839, 69.7094

Deuteranopia

20.5610, 20.0401, 59.9112



Tritanopia

18.2623, 19.7960, 25.7802

Trichromacy



Original Color

25.6498, 19.8684, 62.1576

Protanomaly

23.2304, 19.8300, 66.8932

Deuteranomaly

21.7143, 19.5383, 60.3844

Tritanomaly

20.4545, 19.5842, 36.8845

Monochromacy



Original Color

25.6498, 19.8684, 62.1576

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.1174, 19.9958, 33.7569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6498, 19.8684, 62.1576 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, 108, 208)` looks like.

```
.text, #text, p{  
    color:rgb(128, 108, 208)  
}
```

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, 108, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 108, 208) }
```

Border

The CSS property to change the border of an element to XYZ 25.6498, 19.8684, 62.1576 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, 108, 208) }
```


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

```
.border{ border-color:rgb(128, 108, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 108, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 108, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 108, 208);  
box-shadow:4px 4px 4px 4px rgb(128, 108,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6498, 19.8684, 62.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 108, 208) }
```

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

```
.background{ background-color: rgb(128,  
108, 208) }
```

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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