

Converting Colors

XYZ(22.5434, 18.1296, 59.0381)

Have a look what the booklet for
XYZ(22.5434, 18.1296, 59.0381)
contains.

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Color

**XYZ(22.5927, 18.2067,
58.8234)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6F6BCB |
| RGB | 111, 107, 203 |
| RGB Percent | 44%, 42%, 80% |
| CMY | 0.5647, 0.5804, 0.2039 |
| CMYK | 0.45, 0.47, 0.00, 0.20 |
| HSL | 243°, 48%, 61% |
| HSV | 243°, 47%, 80% |
| XYZ | 22.5927, 18.2067, 58.8234 |
| YIQ | 119.1400, -28.4320, 30.7040 |

Conversions

Conversions Part 2

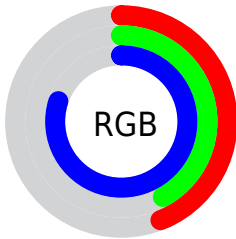
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 111, 107, 203 |
| Decimal | 7302091 |
| CIE Lab | 49.75, 26.34, -49.53 |
| CIE LCh | 50, 56.103, 298.002 |
| Yxy | 18.2067, 0.2268, 0.1828 |
| Android (android.graphics.Color) | 4285492171 (0xFF6F6BCB) |
| YUV | 119.1400, 41.3430, -7.1388 |
| Hunter-Lab | 42.6693, 19.8415, -51.8680 |

Details

The XYZ color **22.5927, 18.2067, 58.8234** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **47.5628, 55.9157, 22.1964**, and the grayscale version is **17.4592, 18.3685, 20.0032**.

A 20% lighter version of the original color is **46.2132, 39.8892, 99.8714**, and **8.4825, 6.1541, 28.7578** is the 20% darker color. If you saturate the color by 10%, you get **18.5325, 13.3322, 58.0969**, and if you desaturate by 10%, it is **27.6842, 24.3507, 59.7413**.

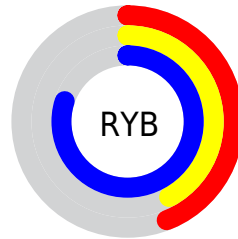
Distribution



Red (44%)

Green (42%)

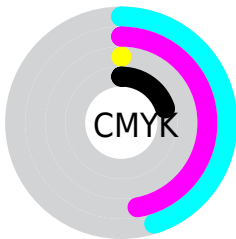
Blue (80%)



Red (44%)

Yellow (42%)

Blue (80%)

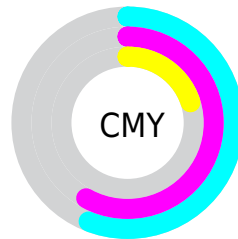


Cyan (45%)

Magenta (47%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (58%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5927, 18.2067, 58.8234 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 22.5927, 18.2067, 58.8234 by changing the saturation by 10% instead.

■ 22.5927, 18.2067,
58.8234

■ 22.5927, 18.2067,
58.8234

258.2006,
242.0335, 437.9308

■ 14.4121, 11.0985,
42.0519

■ 47.1953, 40.3892,
104.6475

■ 8.4914, 6.1331,
28.8161

■ 64.3479, 56.2323,
134.5373

■ 4.4654, 2.9262,
18.6973

■ 85.2220, 75.7558,
169.6368

■ 1.9687, 1.0933,
11.2772

■ 110.1828, 99.3442,
210.3647

■ 0.6163, 0.0000,
6.1371

139.5957,
127.3817, 257.1395

■ 0.0000, 0.0000,
2.8585

173.8261,

■ 0.0000, 0.0000,

160.2529, 310.3798

1.0228

213.2393,
198.3420, 370.5040

■ 0.0000, 0.0000,
0.0000

■ 22.5927, 18.2067,
58.8234

■ 22.5927, 18.2067,
58.8234

■ 18.5325, 13.3322,
58.0969

■ 27.6842, 24.3507,
59.7413

■ 15.4310, 9.6368,
57.5471

■ 33.8685, 31.8426,
60.8615

■ 13.2100, 7.0210,
57.1592

■ 41.2047, 40.7563,
62.1953

■ 11.7778, 5.3683,
56.9157

■ 49.7473, 51.1603,
63.7533

■ 11.0163, 4.5225,
56.7926

■ 59.5472, 63.1182,
65.5449

■ 10.8855, 4.3664,
56.7694

■ 70.6523, 76.6903,
67.5792

■ 83.1082, 91.9333,
69.8649

■ 87.7796, 97.0918,
70.6144

Harmonies

Analogous

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



16.9491, 18.2067, 66.1896



22.5927, 18.2067, 58.8234



27.5663, 18.2067, 39.8690

Triad

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



22.5927, 18.2067, 58.8234



23.3422, 18.2067, 3.8733



8.9317, 18.2067, 18.8154

Complementary

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



22.5927, 18.2067, 58.8234



47.5628, 55.9157, 22.1964

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.



9.9703, 18.2067, 7.9599



22.5927, 18.2067, 58.8234



17.6657, 18.2067, 2.5587

Square

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



22.5927, 18.2067, 58.8234



28.0579, 18.2067, 8.9670



12.9142, 18.2067, 3.5379



9.7242, 18.2067, 37.1035

Rectangle

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



22.5927, 18.2067, 58.8234



29.4304, 18.2067, 26.5938



12.9142, 18.2067, 3.5379



9.0729, 18.2067, 14.3132

Sweetspot

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



22.5935, 18.2073, 58.8239



73.2142, 73.3786, 104.9124



37.4513, 48.6540, 63.9176



15.0303, 14.9264, 22.3389



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.



22.5935, 18.2073, 58.8239



30.7521, 21.9896, 97.2313



30.1776, 22.1171, 59.1788



10.6443, 10.8659, 14.1067



6.9465, 2.7886, 36.1284



0.3739, 0.1518, 1.8645

Inverse Universe

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



40.1953, 27.3358, 57.1898



63.8679, 39.1723, 93.7688



36.9217, 50.4300, 21.6984



11.6666, 11.3954, 14.0447



21.9177, 10.5777, 33.6148



1.1371, 0.5483, 1.7679

Previews

White Background



This preview shows how the XYZ color 22.5927, 18.2067, 58.8234 looks on a white 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

Black Background



This preview shows how the XYZ color 22.5927, 18.2067, 58.8234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

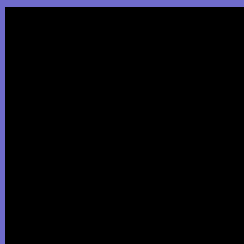
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5927, 18.2067, 58.8234

Background



This preview shows how black text looks on a background with the XYZ color 22.5927, 18.2067, 58.8234.



This preview shows how white text looks on a background with the XYZ color 22.5927, 18.2067,

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

22.5927, 18.2067, 58.8234

Protanopia

20.6363, 18.3811, 64.0883

Deuteranopia

18.8258, 18.2936, 57.1824



Tritanopia

15.7302, 18.1347, 24.8616

Trichromacy



Original Color

22.5927, 18.2067, 58.8234

Protanomaly

21.1098, 18.1686, 62.0688

Deuteranomaly

19.8152, 18.0982, 57.7073

Tritanomaly

17.6784, 17.8439, 34.8602

Monochromacy



Original Color

22.5927, 18.2067, 58.8234

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.8382, 18.1765, 31.3697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5927, 18.2067, 58.8234 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(111, 107, 203)` looks like.

```
.text, #text, p{  
    color:rgb(111, 107, 203)  
}
```

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(111, 107, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 107, 203) }
```

Border

The CSS property to change the border of an element to XYZ 22.5927, 18.2067, 58.8234 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(111, 107, 203) }
```


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

```
.border{ border-color:rgb(111, 107, 203) }
```

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

Here you see how a box with a 4 pixel rgb(111, 107, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 107, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 107, 203);  
box-shadow:4px 4px 4px 4px rgb(111, 107,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5927, 18.2067, 58.8234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 107, 203) }
```

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

```
.background{ background-color: rgb(111,  
107, 203) }
```

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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