

Converting Colors

XYZ(22.8925, 17.7919, 63.8556)

Have a look what the booklet for
XYZ(22.8925, 17.7919, 63.8556)
contains.

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Color

**XYZ(22.8925, 17.7919,
63.8556)**

Conversions

Conversions Part 1

Format	Color
Hex	6C68D3
RGB	108, 104, 211
RGB Percent	42%, 41%, 83%
CMY	0.5765, 0.5922, 0.1725
CMYK	0.49, 0.51, 0.00, 0.17
HSL	242°, 55%, 62%
HSV	242°, 51%, 83%
XYZ	22.8925, 17.7919, 63.8556
YIQ	117.3940, -31.9630, 34.1250

Conversions

Conversions Part 2

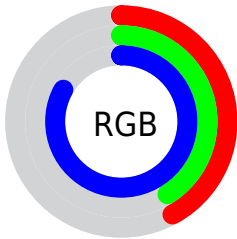
Format	Color
RYB	108, 104, 211
Decimal	7104723
CIELab	49.24, 29.87, -54.92
CIELCh	49, 62.519, 298.543
Yxy	17.7919, 0.2190, 0.1702
Android (android.graphics.Color)	4285294803 (0xFF6C68D3)
YUV	117.3940, 46.1478, -8.2385
Hunter-Lab	42.1804, 23.0611, -60.2309

Details

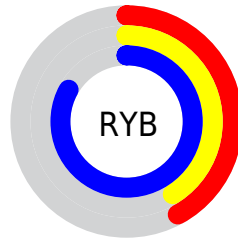
The XYZ color **22.8925, 17.7919, 63.8556** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **51.5245, 60.8533, 22.1273**, and the grayscale version is **16.8997, 17.7798, 19.3622**.

A 20% lighter version of the original color is **45.2884, 38.6620, 99.6833**, and **8.6828, 5.9549, 32.1443** is the 20% darker color. If you saturate the color by 10%, you get **18.8392, 12.9344, 63.1320**, and if you desaturate by 10%, it is **28.0540, 24.0097, 64.7841**.

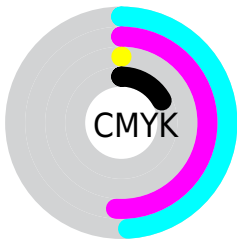
Distribution



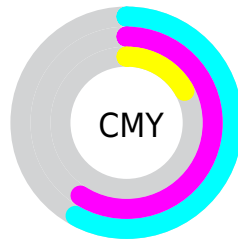
- Red (42%)
- Green (41%)
- Blue (83%)



- Red (42%)
- Yellow (41%)
- Blue (83%)



- Cyan (49%)
- Magenta (51%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (59%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8925, 17.7919, 63.8556 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 22.8925, 17.7919, 63.8556 by changing the saturation by 10% instead.

■ 22.8925, 17.7919,
63.8556

■ 22.8925, 17.7919,
63.8556

259.7180,
239.6955, 456.8611

■ 14.6344, 10.8007,
46.0883

■ 47.6847, 39.6824,
112.0004

■ 8.6478, 5.9330,
31.9663

■ 64.9495, 55.3505,
143.2150

■ 4.5675, 2.8044,
21.0712

■ 85.9473, 74.6797,
179.7491

■ 2.0279, 1.0305,
12.9843

■ 111.0434, 98.0543,
222.0213

■ 0.6496, 0.0000,
7.2871

140.6032,
125.8588, 270.4500

■ 0.0000, 0.0000,
3.5612

174.9920,

■ 0.0000, 0.0000,

158.4776, 325.4539

1.3878

214.5751,
196.2950, 387.4514

■ 0.0000, 0.0000,
0.1322

■ 0.0000, 0.0000,
0.0000

■ 22.8925, 17.7919,
63.8556

■ 22.8925, 17.7919,
63.8556

■ 18.8392, 12.9344,
63.1320

■ 28.0540, 24.0097,
64.7841

■ 15.8109, 9.3337,
62.5966

■ 34.3941, 31.6775,
65.9300

■ 13.7162, 6.8745,
62.2324

■ 41.9805, 40.8792,
67.3062

■ 12.4468, 5.4193,
62.0184

■ 50.8746, 51.6918,
68.9245

■ 11.8568, 4.7541,
61.9211

■ 61.1342, 64.1874,
70.7957

■ 72.8133, 78.4334,
72.9299

■ 85.9632, 94.4938,
75.3367

■ 88.7579, 97.4832,
75.7665

Harmonies

Analogous

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



16.6255, 17.7919, 72.9263



22.8925, 17.7919, 63.8556



28.4715, 17.7919, 41.5905

Triad

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



22.8925, 17.7919, 63.8556



23.5057, 17.7919, 2.8176



7.9559, 17.7919, 18.5627

Complementary

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



22.8925, 17.7919, 63.8556



51.5245, 60.8533, 22.1273

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.



8.9989, 17.7919, 6.9323



22.8925, 17.7919, 63.8556



17.1990, 17.7919, 1.7001

Square

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



22.8925, 17.7919, 63.8556



28.8793, 17.7919, 7.6743



12.0738, 17.7919, 2.5965



8.8119, 17.7919, 39.2679

Rectangle

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



22.8925, 17.7919, 63.8556



30.5478, 17.7919, 26.5227



12.0738, 17.7919, 2.5965



8.0904, 17.7919, 13.6386

Sweetspot

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



22.8933, 17.7925, 63.8561



71.7661, 71.6503, 104.6551



39.8851, 52.4825, 69.6563



14.7431, 14.5852, 22.2881



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.



22.8933, 17.7925, 63.8561



28.4120, 19.2488, 96.8257



31.4199, 22.1881, 64.2551



11.2040, 11.4385, 14.8610



7.1747, 2.8790, 37.3700



0.4159, 0.1686, 2.0902

Inverse Universe

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



43.0767, 28.2547, 62.2130



62.8716, 37.1200, 93.6211



39.1071, 54.4519, 21.5461



12.2909, 12.0011, 14.8077



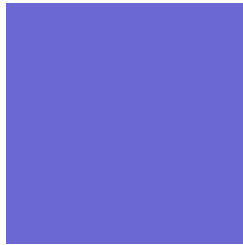
22.7343, 10.9665, 35.1024



1.2773, 0.6156, 1.9948

Previews

White Background



This preview shows how the XYZ color 22.8925, 17.7919, 63.8556 looks on a white background.

Color Contrast Check

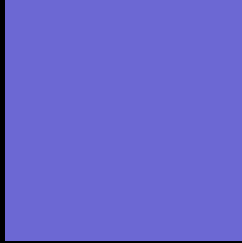
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8925, 17.7919, 63.8556 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 22.8925, 17.7919, 63.8556

Background



This preview shows how black text looks on a background with the XYZ color 22.8925, 17.7919, 63.8556.



This preview shows how white text looks on a background with the XYZ color 22.8925, 17.7919,

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

22.8925, 17.7919, 63.8556

Protanopia

20.5683, 17.8771, 70.0767

Deuteranopia

18.5777, 18.0548, 62.1803



Tritanopia

15.0629, 17.7907, 24.8303

Trichromacy



Original Color

22.8925, 17.7919, 63.8556

Protanomaly

21.0808, 17.6981, 67.9506

Deuteranomaly

19.3894, 17.5987, 62.6966

Tritanomaly

17.1926, 17.3911, 36.1689

Monochromacy



Original Color

22.8925, 17.7919, 63.8556

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.3195, 17.4001, 31.6712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8925, 17.7919, 63.8556 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(108, 104, 211)` looks like.

```
.text, #text, p{  
    color:rgb(108, 104, 211)  
}
```

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(108, 104, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 104, 211) }
```

Border

The CSS property to change the border of an element to XYZ 22.8925, 17.7919, 63.8556 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(108, 104, 211) }
```


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

```
.border{ border-color:rgb(108, 104, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 104, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 104, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 104, 211);  
box-shadow:4px 4px 4px 4px rgb(108, 104,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8925, 17.7919, 63.8556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 104, 211) }
```

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

```
.background{ background-color: rgb(108,  
104, 211) }
```

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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