

Converting Colors

XYZ(22.5053, 18.1973, 59.8452)

Have a look what the booklet for
XYZ(22.5053, 18.1973, 59.8452)
contains.

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Color

**XYZ(22.4615, 18.1113,
60.0696)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6BCD
RGB	108, 107, 205
RGB Percent	42%, 42%, 80%
CMY	0.5765, 0.5804, 0.1961
CMYK	0.47, 0.48, 0.00, 0.20
HSL	241°, 49%, 61%
HSV	241°, 48%, 80%
XYZ	22.4615, 18.1113, 60.0696
YIQ	118.4710, -30.8620, 30.6900

Conversions

Conversions Part 2

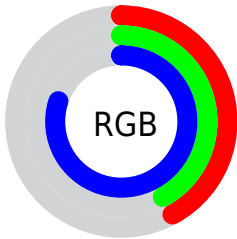
Format	Color
R _Y B	108, 107, 205
Decimal	7105485
CIE Lab	49.63, 26.24, -50.88
CIE LCh	50, 57.241, 297.279
Yxy	18.1113, 0.2232, 0.1800
Android (android.graphics.Color)	4285295565 (0xFF6C6BCD)
YUV	118.4710, 42.6588, -9.1831
Hunter-Lab	42.5574, 19.7357, -53.8975

Details

The XYZ color **22.4615, 18.1113, 60.0696** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **49.3865, 57.5615, 22.4178**, and the grayscale version is **17.2454, 18.1435, 19.7583**.

A 20% lighter version of the original color is **45.5867, 39.5662, 99.8421**, and **8.4363, 6.1118, 29.5892** is the 20% darker color. If you saturate the color by 10%, you get **18.3850, 13.2045, 59.3377**, and if you desaturate by 10%, it is **27.6203, 24.3285, 60.9981**.

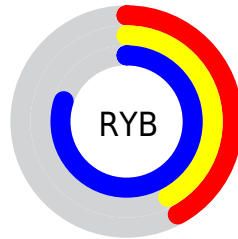
Distribution



Red (42%)

Green (42%)

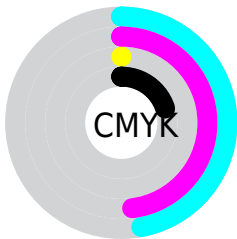
Blue (80%)



Red (42%)

Yellow (42%)

Blue (80%)

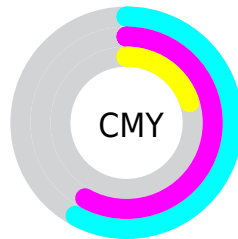


Cyan (47%)

Magenta (48%)

Yellow (0%)

Black (20%)



Cyan (58%)

Magenta (58%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4615, 18.1113, 60.0696 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 22.4615, 18.1113, 60.0696 by changing the saturation by 10% instead.

■ 22.4615, 18.1113,
60.0696

■ 22.4615, 18.1113,
60.0696

257.5343,
241.4976, 442.6660

■ 14.3149, 11.0299,
43.0491

■ 46.9808, 40.2269,
106.4750

■ 8.4232, 6.0870,
29.5919

■ 64.0842, 56.0299,
136.6969

■ 4.4210, 2.8980,
19.2796

■ 84.9038, 75.5089,
172.1564

■ 1.9429, 1.0787,
11.6937

■ 109.8052, 99.0483,
213.2720

■ 0.6016, 0.0000,
6.4154

139.1535,
127.0324, 260.4622

■ 0.0000, 0.0000,
3.0265

173.3143,

■ 0.0000, 0.0000,

159.8458, 314.1456

1.1082

212.6527,
197.8727, 374.7407

■ 0.0000, 0.0000,
0.0000

■ 22.4615, 18.1113,
60.0696

■ 22.4615, 18.1113,
60.0696

■ 18.3850, 13.2045,
59.3377

■ 27.6203, 24.3285,
60.9981

■ 15.3117, 9.5127,
58.7871

■ 33.9285, 31.9387,
62.1346

■ 13.1556, 6.9306,
58.4024

■ 41.4503, 41.0198,
63.4909

■ 11.8151, 5.3340,
58.1648

■ 50.2448, 51.6437,
65.0780

■ 11.1504, 4.5478,
58.0481

■ 60.3668, 63.8771,
66.9058

■ 11.0458, 4.4214,
58.0292

■ 71.8684, 77.7833,
68.9838

■ 84.7985, 93.4219,
71.3209

■ 88.0195, 97.1878,
71.8780

Harmonies

Analogous

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



16.7230, 18.1113, 67.2622



22.4615, 18.1113, 60.0696



27.5872, 18.1113, 40.7235

Triad

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



22.4615, 18.1113, 60.0696



23.5031, 18.1113, 3.7375



8.7439, 18.1113, 18.3334

Complementary

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



22.4615, 18.1113, 60.0696



49.3865, 57.5615, 22.4178

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.



9.8345, 18.1113, 7.5635



22.4615, 18.1113, 60.0696



17.7150, 18.1113, 2.3876

Square

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



22.4615, 18.1113, 60.0696



28.2721, 18.1113, 8.9381



12.8553, 18.1113, 3.2881



9.4969, 18.1113, 36.8624

Rectangle

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



22.4615, 18.1113, 60.0696



29.5516, 18.1113, 27.0713



12.8553, 18.1113, 3.2881



8.9006, 18.1113, 13.8370

Sweetspot

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



22.4623, 18.1119, 60.0701



72.8739, 73.2032, 104.8965



38.9146, 51.1966, 65.5889



14.9489, 14.8845, 22.3350



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.



22.4623, 18.1119, 60.0701



30.1612, 21.6850, 97.2037



29.9878, 21.9915, 60.4222



10.6122, 10.8494, 14.1052



6.8813, 2.7550, 36.1253



0.3588, 0.1441, 1.8638

Inverse Universe

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



41.3336, 27.8544, 60.3230



64.5896, 39.4610, 97.5692



38.1959, 51.7925, 21.8941



11.6824, 11.4017, 14.1283



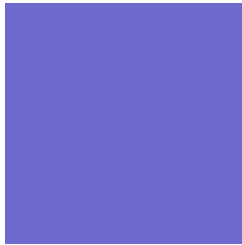
22.3792, 10.7623, 36.0449



1.1561, 0.5559, 1.8681

Previews

White Background



This preview shows how the XYZ color 22.4615, 18.1113, 60.0696 looks on a white background.

Color Contrast Check

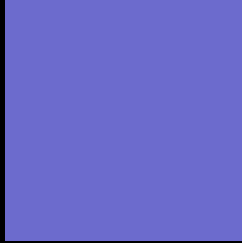
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4615, 18.1113, 60.0696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

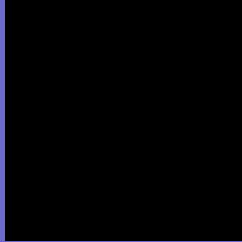
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4615, 18.1113, 60.0696

Background



This preview shows how black text looks on a background with the XYZ color 22.4615, 18.1113, 60.0696.



This preview shows how white text looks on a background with the XYZ color 22.4615, 18.1113,

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

22.4615, 18.1113, 60.0696

Protanopia

20.5402, 18.3170, 64.7403

Deuteranopia

18.7788, 18.2422, 58.4085



Tritanopia

15.5352, 18.2112, 25.2506

Trichromacy



Original Color

22.4615, 18.1113, 60.0696

Protanomaly

20.9590, 18.0766, 62.7061

Deuteranomaly

19.7343, 18.0291, 58.9398

Tritanomaly

17.5429, 17.9278, 35.7935

Monochromacy



Original Color

22.4615, 18.1113, 60.0696

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.4618, 17.8140, 31.3196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4615, 18.1113, 60.0696 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, 107, 205)` looks like.

```
.text, #text, p{  
    color:rgb(108, 107, 205)  
}
```

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, 107, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 107, 205) }
```

Border

The CSS property to change the border of an element to XYZ 22.4615, 18.1113, 60.0696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

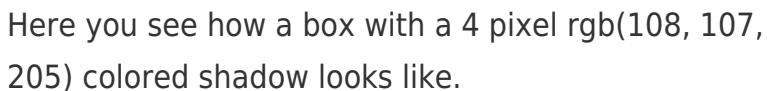
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 107, 205) }
```


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

```
.border{ border-color:rgb(108, 107, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 107, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 107, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 107, 205);  
box-shadow:4px 4px 4px 4px rgb(108, 107,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4615, 18.1113, 60.0696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 107, 205) }
```

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

```
.background{ background-color: rgb(108,  
107, 205) }
```

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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