

Converting Colors

XYZ(22.0595, 16.5406, 61.7045)

Have a look what the booklet for
XYZ(22.0595, 16.5406, 61.7045)
contains.

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Color

**XYZ(22.0595, 16.5406,
61.7045)**

Conversions

Conversions Part 1

Format	Color
Hex	6D62D0
RGB	109, 98, 208
RGB Percent	43%, 38%, 82%
CMY	0.5725, 0.6157, 0.1843
CMYK	0.48, 0.53, 0.00, 0.18
HSL	246°, 54%, 60%
HSV	246°, 53%, 82%
XYZ	22.0595, 16.5406, 61.7045
YIQ	113.8290, -28.7540, 36.5420

Conversions

Conversions Part 2

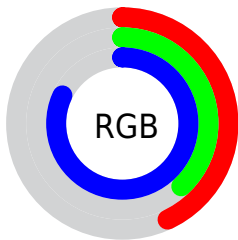
Format	Color
R_{YB}	109, 98, 208
Decimal	7168720
CIE _{Lab}	47.68, 32.81, -55.72
CIE _{LCh}	48, 64.661, 300.488
Yxy	16.5406, 0.2199, 0.1649
Android (android.graphics.Color)	4285358800 (0xFF6D62D0)
YUV	113.8290, 46.4263, -4.2350
Hunter-Lab	40.6701, 25.6457, -61.4854

Details

The XYZ color **22.0595, 16.5406, 61.7045** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **47.7859, 57.8638, 20.2058**, and the grayscale version is **15.8153, 16.6389, 18.1198**.

A 20% lighter version of the original color is **44.5233, 36.8219, 99.3684**, and **8.2490, 5.3457, 30.7340** is the 20% darker color. If you saturate the color by 10%, you get **18.2974, 12.0780, 61.0418**, and if you desaturate by 10%, it is **26.8190, 22.2683, 62.5595**.

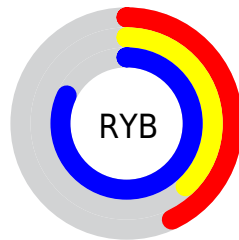
Distribution



Red (43%)

Green (38%)

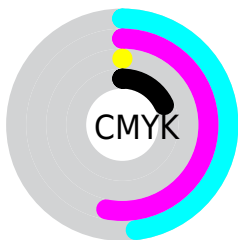
Blue (82%)



Red (43%)

Yellow (38%)

Blue (82%)

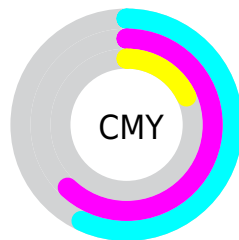


Cyan (48%)

Magenta (53%)

Yellow (0%)

Black (18%)



Cyan (57%)

Magenta (62%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0595, 16.5406, 61.7045 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 22.0595, 16.5406, 61.7045 by changing the saturation by 10% instead.

■ 22.0595, 16.5406,
61.7045

■ 22.0595, 16.5406,
61.7045

255.4834,
232.5109, 448.8302

■ 14.0175, 9.9075,
44.3597

■ 46.3224, 37.5342,
108.8658

■ 8.2146, 5.3377,
30.6141

■ 63.2741, 52.6635,
139.5194

■ 4.2855, 2.4467,
20.0492

■ 83.9263, 71.3936,
175.4463

■ 1.8649, 0.8498,
12.2464

■ 108.6444, 94.1090,
217.0652

■ 0.5563, 0.0000,
6.7871

137.7938,
121.1940, 264.7944

■ 0.0000, 0.0000,
3.2529

171.7399,

■ 0.0000, 0.0000,

153.0331, 319.0527

1.2252

210.8479,
190.0106, 380.2584

■ 0.0000, 0.0000,
0.0000

■ 22.0595, 16.5406,
61.7045

■ 22.0595, 16.5406,
61.7045

■ 18.2974, 12.0780,
61.0418

■ 26.8190, 22.2683,
62.5595

■ 15.4591, 8.7825,
60.5553

■ 32.6381, 29.3456,
63.6189

■ 13.4642, 6.5445,
60.2284

■ 39.5766, 37.8518,
64.8951

■ 12.2171, 5.2324,
60.0409

■ 47.6890, 47.8595,
66.3992

■ 11.6904, 4.7114,
59.9681

■ 57.0263, 59.4364,
68.1416

■ 67.6364, 72.6459,
70.1321

■ 79.5649, 87.5481,
72.3798

■ 88.3852, 97.3341,
73.8038

Harmonies

Analogous

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



15.8162, 16.5406, 72.2511



22.0595, 16.5406, 61.7045



27.5090, 16.5406, 38.6734

Triad

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



22.0595, 16.5406, 61.7045



21.8546, 16.5406, 2.0858



7.0224, 16.5406, 18.2824

Complementary

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



22.0595, 16.5406, 61.7045



47.7859, 57.8638, 20.2058

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.



7.8987, 16.5406, 6.4424



22.0595, 16.5406, 61.7045



15.6269, 16.5406, 1.2508

Square

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



22.0595, 16.5406, 61.7045



27.3718, 16.5406, 6.2086



10.7309, 16.5406, 2.1509



7.9586, 16.5406, 39.4603

Rectangle

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



22.0595, 16.5406, 61.7045



29.4234, 16.5406, 23.7969



10.7309, 16.5406, 2.1509



7.1118, 16.5406, 13.2465

Sweetspot

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



22.0602, 16.5411, 61.7049



71.1449, 70.3633, 104.4395



36.3887, 47.0836, 66.8450



14.6491, 14.3464, 22.2470



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.



22.0602, 16.5411, 61.7049



28.5667, 18.6298, 96.6980



31.0630, 21.1822, 62.1262



11.2718, 11.4735, 14.8642



7.3241, 2.9560, 37.3770



0.4478, 0.1850, 2.0917

Inverse Universe

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



40.4581, 26.1766, 55.7418



60.8435, 35.5557, 85.2632



35.9161, 51.7447, 19.6503



12.2577, 11.9878, 14.6329



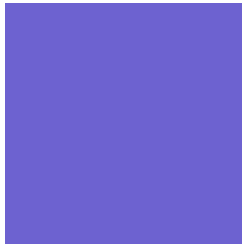
21.8361, 10.6073, 30.3729



1.2360, 0.5991, 1.7777

Previews

White Background



This preview shows how the XYZ color 22.0595, 16.5406, 61.7045 looks on a white background.

Color Contrast Check

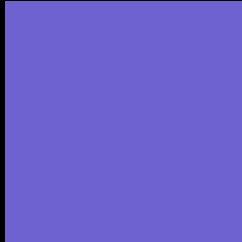
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0595, 16.5406, 61.7045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

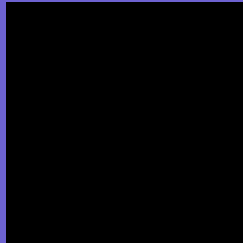
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.0595, 16.5406, 61.7045

Background



This preview shows how black text looks on a background with the XYZ color 22.0595, 16.5406, 61.7045.



This preview shows how white text looks on a background with the XYZ color 22.0595, 16.5406,

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

22.0595, 16.5406, 61.7045

Protanopia

19.5136, 16.6854, 69.9023

Deuteranopia

17.0298, 16.6211, 59.4374



Tritanopia

14.2125, 16.4938, 22.8566

Trichromacy



Original Color

22.0595, 16.5406, 61.7045

Protanomaly

19.9005, 16.3262, 67.0682

Deuteranomaly

17.3632, 15.7962, 59.8914

Tritanomaly

16.3863, 16.1829, 34.1582

Monochromacy



Original Color

22.0595, 16.5406, 61.7045

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.3899, 16.3080, 30.2482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0595, 16.5406, 61.7045 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(109, 98, 208)` looks like.

```
.text, #text, p{  
    color:rgb(109, 98, 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(109, 98, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 98, 208) }
```

Border

The CSS property to change the border of an element to XYZ 22.0595, 16.5406, 61.7045 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(109, 98, 208) }
```


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

```
.border{ border-color:rgb(109, 98, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 98, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 98, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 98, 208);  
box-shadow:4px 4px 4px 4px rgb(109, 98,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0595, 16.5406, 61.7045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 98, 208) }
```

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

```
.background{ background-color: rgb(109, 98,  
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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