

Converting Colors

XYZ(22.6800, 22.0445, 62.0911)

Have a look what the booklet for
XYZ(22.6800, 22.0445, 62.0911)
contains.

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Color

**XYZ(22.6800, 22.0445,
62.0911)**

Conversions

Conversions Part 1

Format	Color
Hex	5381CF
RGB	83, 129, 207
RGB Percent	33%, 51%, 81%
CMY	0.6745, 0.4941, 0.1882
CMYK	0.60, 0.38, 0.00, 0.19
HSL	218°, 56%, 57%
HSV	218°, 60%, 81%
XYZ	22.6800, 22.0445, 62.0911
YIQ	124.1380, -52.4540, 14.5060

Conversions

Conversions Part 2

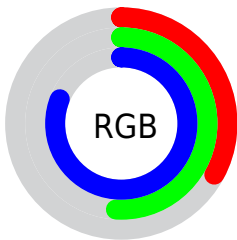
Format	Color
R _Y B	83, 117, 207
Decimal	5472719
CIE Lab	54.07, 8.08, -45.03
CIE LCh	54, 45.754, 280.174
Yxy	22.0445, 0.2123, 0.2064
Android (android.graphics.Color)	4283662799 (0xFF5381CF)
YUV	124.1380, 40.8510, -36.0780
Hunter-Lab	46.9516, 4.0593, -45.5420

Details

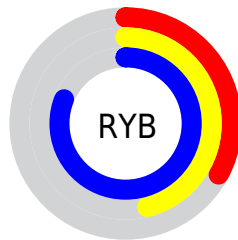
The XYZ color **22.6800, 22.0445, 62.0911** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **40.0397, 39.3817, 13.6760**, and the grayscale version is **19.0857, 20.0796, 21.8667**.

A 20% lighter version of the original color is **45.9333, 46.4267, 101.1480**, and **8.5362, 8.0043, 30.8008** is the 20% darker color. If you saturate the color by 10%, you get **19.5115, 18.0253, 61.4828**, and if you desaturate by 10%, it is **26.6139, 26.7834, 62.7989**.

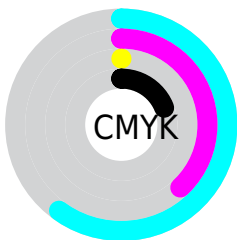
Distribution



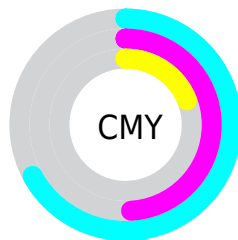
- Red (33%)
- Green (51%)
- Blue (81%)



- Red (33%)
- Yellow (46%)
- Blue (81%)



- Cyan (60%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6800, 22.0445, 62.0911 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 22.6800, 22.0445, 62.0911 by changing the saturation by 10% instead.

■ 22.6800, 22.0445,
62.0911

■ 22.6800, 22.0445,
62.0911

258.6433,
262.7786, 450.2801

■ 14.4768, 13.8896,
44.6700

■ 47.3379, 46.8195,
109.4301

■ 8.5369, 8.0439,
30.8566

■ 64.5233, 64.2085,
140.1850

■ 4.4951, 4.1231,
20.2321

■ 85.4334, 85.4442,
176.2218

■ 1.9858, 1.7426,
12.3781

■ 110.4337,
110.9111, 217.9587

■ 0.6260, 0.4510,
6.8761

139.8895,
140.9936, 265.8145

■ 0.0000, 0.0000,
3.3075

174.1661,

■ 0.0000, 0.0000,

176.0761, 320.2077

1.2537

213.6289,
216.5429, 381.5567

■ 0.0000, 0.0000,
0.0234

■ 0.0000, 0.0000,
0.0000

■ 22.6800, 22.0445,
62.0911

■ 22.6800, 22.0445,
62.0911

■ 19.5115, 18.0253,
61.4828

■ 26.6139, 26.7834,
62.7989

■ 17.0475, 14.6813,
60.9672

■ 31.3623, 32.2779,
63.6092

■ 15.2207, 11.9652,
60.5392

■ 36.9732, 38.5640,
64.5268

■ 13.9131, 9.8023,
60.1906

■ 43.4896, 45.6744,
65.5558

■ 13.9015, 9.7829,
60.1875

■ 50.9516, 53.6397,
66.7000

■ 59.3969, 62.4890,
67.9629

■ 68.8609, 72.2498,
69.3482

■ 79.3774, 82.9485,
70.8589

■ 85.5175, 91.7950,
72.2429

Harmonies

Analogous

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



17.8863, 22.0445, 59.8802



22.6800, 22.0445, 62.0911



27.7151, 22.0445, 51.4495

Triad

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



22.6800, 22.0445, 62.0911



29.1026, 22.0445, 10.3586



13.2111, 22.0445, 15.8911

Complementary

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



22.6800, 22.0445, 62.0911



40.0397, 39.3817, 13.6760

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.



15.3907, 22.0445, 8.6141



22.6800, 22.0445, 62.0911



24.3508, 22.0445, 6.4033

Square

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



22.6800, 22.0445, 62.0911



31.7914, 22.0445, 19.5008



19.3153, 22.0445, 5.9237



12.9086, 22.0445, 29.1491

Rectangle

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



22.6800, 22.0445, 62.0911



30.3462, 22.0445, 40.2804



19.3153, 22.0445, 5.9237



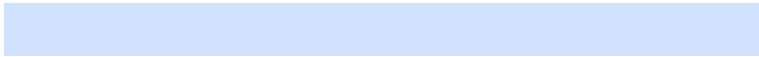
13.7301, 22.0445, 12.8341

Sweetspot

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



22.6809, 22.0452, 62.0917



71.6036, 75.2514, 105.3588



32.1797, 48.9848, 40.7739



14.6186, 15.3441, 22.4412



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.



22.6809, 22.0452, 62.0917



29.9840, 27.1868, 98.2750



19.3365, 13.2599, 60.5722



11.5177, 12.1258, 14.9771



8.8420, 6.3306, 37.9484



0.5695, 0.5042, 2.1469

Inverse Universe

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



32.7886, 21.0380, 23.1020



48.2160, 27.6964, 27.4250



45.7484, 56.5270, 16.6845



11.9875, 11.8797, 13.2099



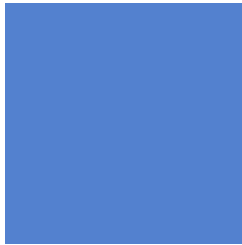
17.0938, 8.7103, 5.3999



0.9937, 0.5022, 0.5015

Previews

White Background



This preview shows how the XYZ color 22.6800, 22.0445, 62.0911 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 22.6800, 22.0445, 62.0911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

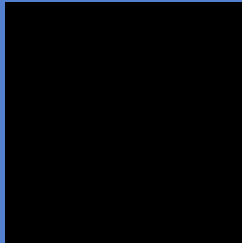
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6800, 22.0445, 62.0911

Background



This preview shows how black text looks on a background with the XYZ color 22.6800, 22.0445, 62.0911.



This preview shows how white text looks on a background with the XYZ color 22.6800, 22.0445,

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

22.6800, 22.0445, 62.0911

Protanopia

23.5055, 21.9340, 60.1215

Deuteranopia

22.6800, 22.0445, 62.0911



Tritanopia

16.7905, 21.9227, 33.0523

Trichromacy



Original Color

22.6800, 22.0445, 62.0911

Protanomaly

23.1230, 21.9137, 60.7687

Deuteranomaly

22.6800, 22.0445, 62.0911

Tritanomaly

18.5653, 21.7802, 42.2552

Monochromacy



Original Color

22.6800, 22.0445, 62.0911

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.6003, 20.5060, 33.4969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6800, 22.0445, 62.0911 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(83, 129, 207)` looks like.

```
.text, #text, p{  
    color:rgb(83, 129, 207)  
}
```

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(83, 129, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 129, 207) }
```

Border

The CSS property to change the border of an element to XYZ 22.6800, 22.0445, 62.0911 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(83, 129, 207) }
```


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

```
.border{ border-color:rgb(83, 129, 207) }
```

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

Here you see how a box with a 4 pixel rgb(83, 129, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 129, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 129, 207);  
box-shadow:4px 4px 4px 4px rgb(83, 129,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6800, 22.0445, 62.0911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 129, 207) }
```

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

```
.background{ background-color: rgb(83, 129,  
207) }
```

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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