

Converting Colors

XYZ(22.5592, 22.8765, 57.8702)

Have a look what the booklet for
XYZ(22.5592, 22.8765, 57.8702)
contains.

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Color

**XYZ(22.5592, 22.8765,
57.8702)**

Conversions

Conversions Part 1

Format	Color
Hex	5585C8
RGB	85, 133, 200
RGB Percent	33%, 52%, 78%
CMY	0.6666, 0.4784, 0.2157
CMYK	0.57, 0.33, 0.00, 0.22
HSL	215°, 51%, 56%
HSV	215°, 57%, 78%
XYZ	22.5592, 22.8765, 57.8702
YIQ	126.2860, -50.1150, 10.6610

Conversions

Conversions Part 2

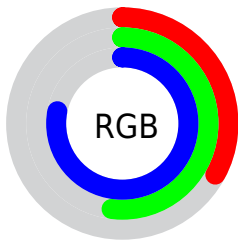
Format	Color
R _Y B	85, 119, 200
Decimal	5604808
CIE Lab	54.94, 3.78, -39.69
CIE LCh	55, 39.866, 275.437
Yxy	22.8765, 0.2184, 0.2214
Android (android.graphics.Color)	4283794888 (0xFF5585C8)
YUV	126.2860, 36.3410, -36.2078
Hunter-Lab	47.8294, 0.4899, -38.2562

Details

The XYZ color **22.5592, 22.8765, 57.8702** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **36.6886, 35.3935, 13.4935**, and the grayscale version is **19.8217, 20.8540, 22.7100**.

A 20% lighter version of the original color is **46.7642, 48.0886, 101.4250**, and **8.5103, 8.4941, 28.3851** is the 20% darker color. If you saturate the color by 10%, you get **19.4857, 19.0540, 57.2948**, and if you desaturate by 10%, it is **26.3245, 27.3191, 58.5297**.

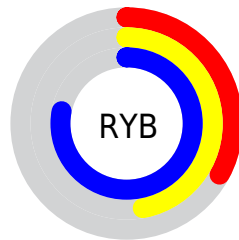
Distribution



Red (33%)

Green (52%)

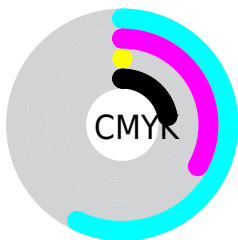
Blue (78%)



Red (33%)

Yellow (47%)

Blue (78%)

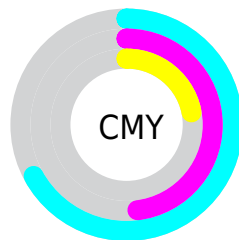


Cyan (57%)

Magenta (33%)

Yellow (0%)

Black (22%)



Cyan (67%)

Magenta (48%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5592, 22.8765, 57.8702 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 22.5592, 22.8765, 57.8702 by changing the saturation by 10% instead.

■ 22.5592, 22.8765,
57.8702

■ 22.5592, 22.8765,
57.8702

258.0306,
267.0900, 434.2868

■ 14.3873, 14.5023,
41.2903

■ 47.1405, 48.1905,
103.2467

■ 8.4740, 8.4709,
28.2246

■ 64.2806, 65.8991,
132.8804

■ 4.4541, 4.3977,
18.2545

■ 85.1408, 87.4879,
167.7025

■ 1.9621, 1.8984,
10.9615

■ 110.0864,
113.3414, 208.1314

■ 0.6125, 0.5474,
5.9271

139.4829,
143.8440, 254.5858

■ 0.0000, 0.0000,
2.7327

173.6955,

■ 0.0000, 0.0000,

179.3800, 307.4841

0.9598

213.0896,
220.3339, 367.2449

■ 0.0000, 0.0000,
0.0000

■ 22.5592, 22.8765,
57.8702

■ 22.5592, 22.8765,
57.8702

■ 19.4857, 19.0540,
57.2948

■ 26.3245, 27.3191,
58.5297

■ 17.0511, 15.8147,
56.7979

■ 30.8238, 32.4107,
59.2754

■ 15.1983, 13.1205,
56.3755

■ 36.0987, 38.1808,
60.1111

■ 13.8472, 10.9207,
56.0221

■ 42.1868, 44.6563,
61.0401

■ 13.5551, 10.4296,
55.9427

■ 49.1231, 51.8624,
62.0654

■ 56.9405, 59.8230,
63.1900

■ 65.6699, 68.5609,
64.4165

■ 75.3408, 78.0976,
65.7475

■ 82.2036, 86.5065,
67.0089

Harmonies

Analogous

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



18.3966, 22.8765, 54.2736



22.5592, 22.8765, 57.8702



27.0561, 22.8765, 50.4867

Triad

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



22.5592, 22.8765, 57.8702



29.4339, 22.8765, 13.2881



14.8900, 22.8765, 16.0944

Complementary

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



22.5592, 22.8765, 57.8702



36.6886, 35.3935, 13.4935

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.



17.1761, 22.8765, 9.8686



22.5592, 22.8765, 57.8702



25.4734, 22.8765, 8.6753

Square

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



22.5592, 22.8765, 57.8702



31.3552, 22.8765, 22.6715



20.9476, 22.8765, 7.6794



14.3290, 22.8765, 27.2883

Rectangle

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



22.5592, 22.8765, 57.8702



29.5251, 22.8765, 41.4370



20.9476, 22.8765, 7.6794



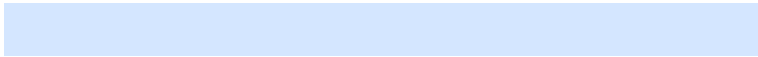
15.4654, 22.8765, 13.4894

Sweetspot

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



22.5601, 22.8773, 57.8708



73.3260, 77.6158, 105.7244



29.9200, 45.4480, 36.1213



15.2083, 16.1009, 22.5562



0.0000, 0.0000, 0.0000



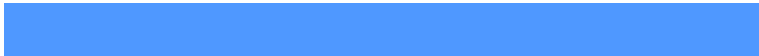
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.5601, 22.8773, 57.8708



32.5860, 31.4992, 98.9702



18.1555, 12.9782, 56.1922



10.4143, 11.0027, 13.4923



8.7029, 6.7997, 35.5981



0.4833, 0.4644, 1.7093

Inverse Universe

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



31.3024, 20.4709, 24.4924



49.7471, 29.1422, 32.9183



44.1174, 53.2151, 16.5419



10.8144, 10.7091, 12.0060



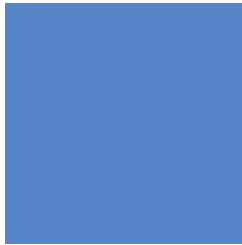
16.1922, 8.2264, 6.2218



0.8026, 0.4039, 0.4839

Previews

White Background



This preview shows how the XYZ color 22.5592, 22.8765, 57.8702 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 22.5592, 22.8765, 57.8702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

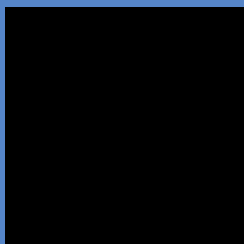
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

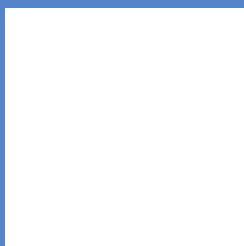
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5592, 22.8765, 57.8702

Background



This preview shows how black text looks on a background with the XYZ color 22.5592, 22.8765, 57.8702.

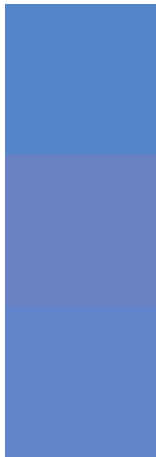


This preview shows how white text looks on a background with the XYZ color 22.5592, 22.8765,

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

22.5592, 22.8765, 57.8702

Protanopia

23.9984, 22.8742, 55.3749

Deuteranopia

23.4828, 22.9364, 58.4478



Tritanopia

17.7525, 22.8373, 34.0442

Trichromacy



Original Color

22.5592, 22.8765, 57.8702

Protanomaly

23.3162, 22.7058, 55.9771

Deuteranomaly

23.2075, 22.9949, 58.4736

Tritanomaly

19.3310, 22.8220, 41.9143

Monochromacy



Original Color

22.5592, 22.8765, 57.8702

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1556, 21.3799, 33.2014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5592, 22.8765, 57.8702 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(85, 133, 200)` looks like.

```
.text, #text, p{  
    color:rgb(85, 133, 200)  
}
```

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(85, 133, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 133, 200) }
```

Border

The CSS property to change the border of an element to XYZ 22.5592, 22.8765, 57.8702 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(85, 133, 200) }
```


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

```
.border{ border-color:rgb(85, 133, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 133, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 133, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 133, 200);  
box-shadow:4px 4px 4px 4px rgb(85, 133,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5592, 22.8765, 57.8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 133, 200) }
```

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

```
.background{ background-color: rgb(85, 133,  
200) }
```

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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