

Converting Colors

XYZ(22.4810, 25.2170, 57.1086)

Have a look what the booklet for
XYZ(22.4810, 25.2170, 57.1086)
contains.

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Color

**XYZ(22.4810, 25.2170,
57.1086)**

Conversions

Conversions Part 1

Format	Color
Hex	4390C6
RGB	67, 144, 198
RGB Percent	26%, 56%, 78%
CMY	0.7372, 0.4353, 0.2235
CMYK	0.66, 0.27, 0.00, 0.22
HSL	205°, 53%, 52%
HSV	205°, 66%, 78%
XYZ	22.4810, 25.2170, 57.1086
YIQ	127.1330, -63.2260, 0.4700

Conversions

Conversions Part 2

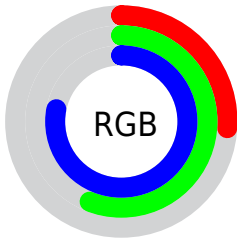
Format	Color
R _Y B	67, 115, 198
Decimal	4427974
CIE Lab	57.29, -6.67, -34.94
CIE LCh	57, 35.567, 259.187
Yxy	25.2170, 0.2145, 0.2406
Android (android.graphics.Color)	4282618054 (0xFF4390C6)
YUV	127.1330, 34.9374, -52.7366
Hunter-Lab	50.2165, -7.9678, -32.2758

Details

The XYZ color **22.4810, 25.2170, 57.1086** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **31.1404, 26.0874, 8.7054**, and the grayscale version is **20.1188, 21.1665, 23.0503**.

A 20% lighter version of the original color is **47.1462, 52.1974, 102.1980**, and **9.0367, 10.0190, 27.8431** is the 20% darker color. If you saturate the color by 10%, you get **20.1566, 22.2497, 56.6589**, and if you desaturate by 10%, it is **25.3605, 28.6040, 57.6111**.

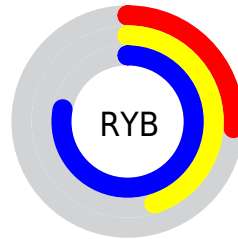
Distribution



Red (26%)

Green (56%)

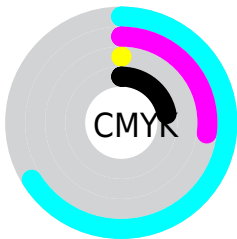
Blue (78%)



Red (26%)

Yellow (45%)

Blue (78%)

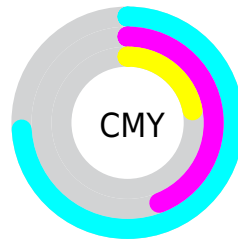


Cyan (66%)

Magenta (27%)

Yellow (0%)

Black (22%)



Cyan (74%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4810, 25.2170, 57.1086 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 22.4810, 25.2170, 57.1086 by changing the saturation by 10% instead.

■ 22.4810, 25.2170,
57.1086

■ 22.4810, 25.2170,
57.1086

257.6334,
278.9169, 431.3613

■ 14.3293, 16.2388,
40.6825

■ 47.0127, 52.0090,
102.1255

■ 8.4333, 9.6933,
27.7532

■ 64.1234, 70.5917,
131.5535

■ 4.4276, 5.1961,
17.9023

■ 84.9512, 93.1446,
166.1524

■ 1.9468, 2.3628,
10.7112

■ 109.8613,
120.0521, 206.3409

■ 0.6038, 0.8066,
5.7612

■ 139.2193,
151.6988, 252.5375

■ 0.0000, 0.0000,
2.6340

173.3904,

■ 0.0000, 0.0000,

188.4688, 305.1607

0.9099

212.7400,
230.7467, 364.6291

■ 0.0000, 0.0000,
0.0000

■ 22.4810, 25.2170,
57.1086

■ 22.4810, 25.2170,
57.1086

■ 20.1566, 22.2497,
56.6589

■ 25.3605, 28.6040,
57.6111

■ 18.3332, 19.6702,
56.2571

■ 28.8368, 32.4336,
58.1671

■ 16.9467, 17.4431,
55.9003

■ 32.9504, 36.7298,
58.7795

■ 16.4824, 16.6558,
55.7728

■ 37.7372, 41.5136,
59.4506

■ 43.2303, 46.8045,
60.1823

■ 49.4604, 52.6209,
60.9766

■ 56.4564, 58.9800,
61.8353

■ 64.2456, 65.8980,
62.7601

■ 72.8537, 73.3907,
63.7526

Harmonies

Analogous

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



19.0564, 25.2170, 49.0093



22.4810, 25.2170, 57.1086



26.7284, 25.2170, 55.6927

Triad

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



22.4810, 25.2170, 57.1086



32.4561, 25.2170, 20.5201



18.3480, 25.2170, 14.9197

Complementary

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



22.4810, 25.2170, 57.1086



31.1404, 26.0874, 8.7054

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.



21.4045, 25.2170, 10.8645



22.4810, 25.2170, 57.1086



29.6584, 25.2170, 13.3817

Square

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



22.4810, 25.2170, 57.1086



32.8321, 25.2170, 32.0407



25.5192, 25.2170, 10.3991



16.8629, 25.2170, 23.3328

Rectangle

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



22.4810, 25.2170, 57.1086



29.4560, 25.2170, 49.6344



25.5192, 25.2170, 10.3991



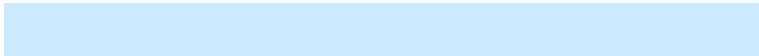
19.2079, 25.2170, 13.1214

Sweetspot

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



22.4819, 25.2179, 57.1092



72.3680, 78.8896, 106.0208



25.8636, 42.9238, 24.5024



14.9003, 16.3167, 22.6141



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.



22.4819, 25.2179, 57.1092



34.2917, 37.4806, 100.0349



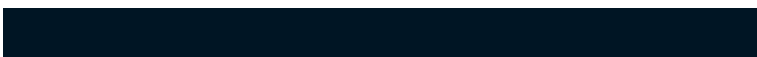
15.3848, 11.0237, 54.7435



10.5660, 11.3061, 13.5429



10.8048, 11.0035, 36.2988



0.5817, 0.6613, 1.7421

Inverse Universe

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



30.3307, 18.0347, 28.2687



49.9806, 26.8336, 41.5533



41.6306, 47.0679, 12.2021



10.8910, 10.7398, 12.4091



17.2531, 8.6508, 11.8086



0.8523, 0.4238, 0.7455

Previews

White Background



This preview shows how the XYZ color 22.4810, 25.2170, 57.1086 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 22.4810, 25.2170, 57.1086 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

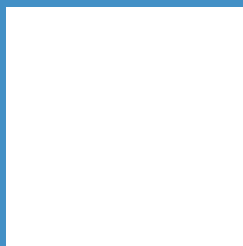
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4810, 25.2170, 57.1086

Background



This preview shows how black text looks on a background with the XYZ color 22.4810, 25.2170, 57.1086.

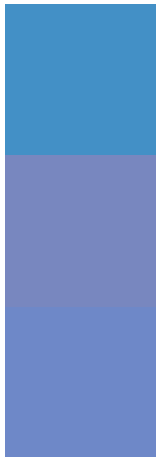


This preview shows how white text looks on a background with the XYZ color 22.4810, 25.2170,

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

22.4810, 25.2170, 57.1086

Protanopia

25.8137, 25.0826, 52.7711

Deuteranopia

25.6599, 25.0934, 58.1347



Tritanopia

18.8042, 25.3584, 38.5539

Trichromacy



Original Color

22.4810, 25.2170, 57.1086

Protanomaly

24.1929, 24.8387, 54.5582

Deuteranomaly

24.1575, 24.9684, 57.5790

Tritanomaly

19.9477, 25.0987, 44.8675

Monochromacy



Original Color

22.4810, 25.2170, 57.1086

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.9630, 22.0782, 33.3464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4810, 25.2170, 57.1086 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(67, 144, 198)` looks like.

```
.text, #text, p{  
    color:rgb(67, 144, 198)  
}
```

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(67, 144, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 144, 198) }
```

Border

The CSS property to change the border of an element to XYZ 22.4810, 25.2170, 57.1086 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(67, 144, 198) }
```


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

```
.border{ border-color:rgb(67, 144, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 144, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 144, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 144, 198);  
box-shadow:4px 4px 4px 4px rgb(67, 144,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4810, 25.2170, 57.1086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 144, 198) }
```

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

```
.background{ background-color: rgb(67, 144,  
198) }
```

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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