

Converting Colors

XYZ(25.5330, 25.6128, 71.2997)

Have a look what the booklet for
XYZ(25.5330, 25.6128, 71.2997)
contains.

XYZ(25.5208, 25.5857, 71.3036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.5208, 25.5857,
71.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8CDC
RGB	79, 140, 220
RGB Percent	31%, 55%, 86%
CMY	0.6902, 0.4510, 0.1373
CMYK	0.64, 0.36, 0.00, 0.14
HSL	214°, 67%, 59%
HSV	214°, 64%, 86%
XYZ	25.5208, 25.5857, 71.3036
YIQ	130.8810, -62.0360, 11.9480

Conversions

Conversions Part 2

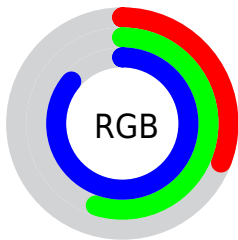
Format	Color
R _Y B	79, 122, 220
Decimal	5213404
CIE Lab	57.64, 5.15, -46.71
CIE LCh	58, 46.993, 276.289
Yxy	25.5857, 0.2085, 0.2090
Android (android.graphics.Color)	4283403484 (0xFF4F8CDC)
YUV	130.8810, 43.9357, -45.4996
Hunter-Lab	50.5823, 1.5414, -48.1708

Details

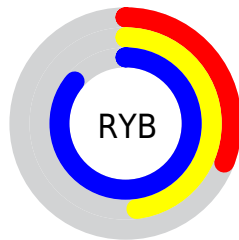
The XYZ color **25.5208, 25.5857, 71.3036** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **43.3265, 40.5793, 12.9477**, and the grayscale version is **21.3962, 22.5105, 24.5139**.

A 20% lighter version of the original color is **47.9352, 50.9354, 101.9128**, and **10.4419, 10.1625, 36.5332** is the 20% darker color. If you saturate the color by 10%, you get **22.2627, 21.3505, 70.6584**, and if you desaturate by 10%, it is **29.5931, 30.5485, 72.0474**.

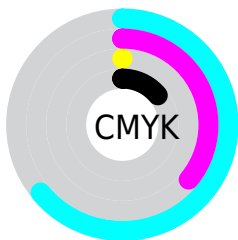
Distribution



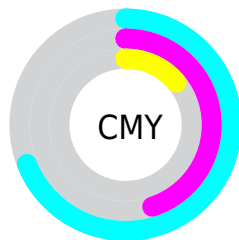
- Red (31%)
- Green (55%)
- Blue (86%)



- Red (31%)
- Yellow (48%)
- Blue (86%)



- Cyan (64%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5208, 25.5857, 71.3036 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 25.5208, 25.5857, 71.3036 by changing the saturation by 10% instead.

■ 25.5208, 25.5857,
71.3036

■ 25.5208, 25.5857,
71.3036

272.7218,
280.7423, 484.0263

■ 16.5963, 16.5140,
52.1066

■ 51.9377, 52.6058,
122.7644

■ 10.0406, 9.8886,
36.7073

■ 70.1608, 71.3230,
155.8653

■ 5.4884, 5.3251,
24.6869

■ 92.2141, 94.0241,
194.4380

■ 2.5742, 2.4393,
15.6270

■ 118.4630,
121.0935, 238.9009

■ 0.9328, 0.8460,
9.1091

149.2729,
152.9156, 289.6727

■ 0.0000, 0.0000,
4.7147

185.0091,

■ 0.0000, 0.0000,

189.8749, 347.1718

2.0250

226.0369,
232.3557, 411.8168

■ 0.0000, 0.0000,
0.5706

■ 0.0000, 0.0000,
0.0000

■ 25.5208, 25.5857,
71.3036

■ 25.5208, 25.5857,
71.3036

■ 22.2627, 21.3505,
70.6584

■ 29.5931, 30.5485,
72.0474

■ 19.7466, 17.7944,
70.1046

■ 34.5372, 36.2773,
72.8926

■ 17.8904, 14.8647,
69.6370

■ 40.4081, 42.8102,
73.8442

■ 17.0261, 13.3828,
69.3965

■ 47.2554, 50.1816,
74.9061

■ 55.1250, 58.4237,
76.0822

■ 64.0595, 67.5668,
77.3761

■ 74.0990, 77.6396,
78.7912

■ 85.2785, 88.6677,
80.3306

■ 89.0779, 96.2665,
81.5971

Harmonies

Analogous

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



20.2285, 25.5857, 66.8614



25.5208, 25.5857, 71.3036



31.2874, 25.5857, 60.9698

Triad

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



25.5208, 25.5857, 71.3036



34.1046, 25.5857, 13.2684



15.7093, 25.5857, 17.1790

Complementary

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



25.5208, 25.5857, 71.3036



43.3265, 40.5793, 12.9477

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.



18.4697, 25.5857, 9.6239



25.5208, 25.5857, 71.3036



28.9255, 25.5857, 8.0503

Square

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



25.5208, 25.5857, 71.3036



36.7116, 25.5857, 24.6058



23.1545, 25.5857, 7.0361



15.0850, 25.5857, 31.3859

Rectangle

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



25.5208, 25.5857, 71.3036



34.4549, 25.5857, 48.7946



23.1545, 25.5857, 7.0361



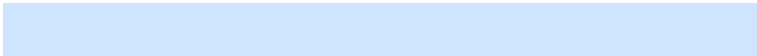
16.3949, 25.5857, 13.9756

Sweetspot

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



25.5218, 25.5866, 71.3043



71.2652, 75.6379, 105.4512



35.0682, 55.3493, 41.5924



14.5886, 15.4904, 22.4710



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.



25.5218, 25.5866, 71.3043



29.7443, 27.9619, 98.4372



19.7782, 12.8552, 69.1496



12.7997, 13.5391, 16.5908



10.0985, 8.0665, 40.7631



0.7388, 0.6917, 2.6690

Inverse Universe

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



37.0457, 22.7024, 27.2410



47.7888, 26.3532, 28.7898



53.7549, 65.5415, 17.2163



13.2887, 13.1446, 14.7818



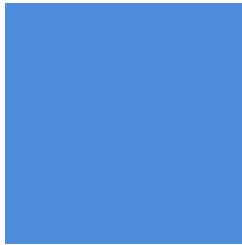
18.5926, 9.4381, 7.5007



1.2472, 0.6285, 0.7107

Previews

White Background



This preview shows how the XYZ color 25.5208, 25.5857, 71.3036 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 25.5208, 25.5857, 71.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

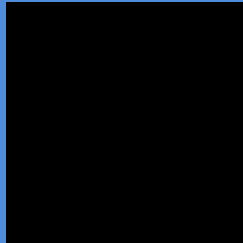
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

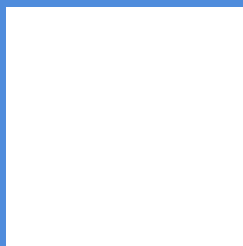
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5208, 25.5857, 71.3036

Background



This preview shows how black text looks on a background with the XYZ color 25.5208, 25.5857, 71.3036.

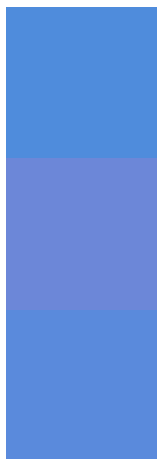


This preview shows how white text looks on a background with the XYZ color 25.5208, 25.5857,

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

25.5208, 25.5857, 71.3036

Protanopia

27.2430, 25.4740, 68.4469

Deuteranopia

26.2232, 25.5179, 71.2535



Tritanopia

18.9864, 25.4419, 39.0321

Trichromacy



Original Color

25.5208, 25.5857, 71.3036

Protanomaly

26.3998, 25.4425, 69.1651

Deuteranomaly

25.9886, 25.6110, 71.2838

Tritanomaly

20.8891, 25.2579, 49.1217

Monochromacy



Original Color

25.5208, 25.5857, 71.3036

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.8180, 23.1393, 37.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5208, 25.5857, 71.3036 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(79, 140, 220)` looks like.

```
.text, #text, p{  
    color:rgb(79, 140, 220)  
}
```

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(79, 140, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 140, 220) }
```

Border

The CSS property to change the border of an element to XYZ 25.5208, 25.5857, 71.3036 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(79, 140, 220) }
```


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

```
.border{ border-color:rgb(79, 140, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 140, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 140, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 140, 220);  
box-shadow:4px 4px 4px 4px rgb(79, 140,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5208, 25.5857, 71.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 140, 220) }
```

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

```
.background{ background-color: rgb(79, 140,  
220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor