

Converting Colors

XYZ(24.8751, 28.6088, 55.2499)

Have a look what the booklet for
XYZ(24.8751, 28.6088, 55.2499)
contains.

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Color

**XYZ(24.8751, 28.6088,
55.2499)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5599C2 |
| RGB | 85, 153, 194 |
| RGB Percent | 33%, 60%, 76% |
| CMY | 0.6666, 0.4000, 0.2392 |
| CMYK | 0.56, 0.21, 0.00, 0.24 |
| HSL | 203°, 47%, 55% |
| HSV | 203°, 56%, 76% |
| XYZ | 24.8751, 28.6088, 55.2499 |
| YIQ | 137.3420, -53.6890, -1.6650 |

Conversions

Conversions Part 2

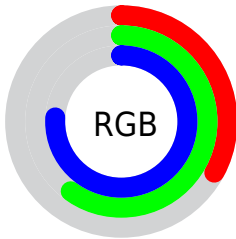
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 85, 127, 194 |
| Decimal | 5609922 |
| CIE _{Lab} | 60.43, -9.64, -27.74 |
| CIE _{LCh} | 60, 29.364, 250.844 |
| Yxy | 28.6088, 0.2288, 0.2631 |
| Android (android.graphics.Color) | 4283800002 (0xFF5599C2) |
| YUV | 137.3420, 27.9324, -45.9039 |
| Hunter-Lab | 53.4872, -10.5882, -23.8029 |

Details

The XYZ color **24.8751, 28.6088, 55.2499** 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 **31.3495, 27.0479, 12.1638**, and the grayscale version is **23.8202, 25.0607, 27.2911**.

A 20% lighter version of the original color is **50.8807, 57.3415, 99.6531**, and **9.6661, 11.4896, 26.5192** is the 20% darker color. If you saturate the color by 10%, you get **22.1914, 25.5066, 54.7931**, and if you desaturate by 10%, it is **28.1165, 32.1081, 55.7550**.

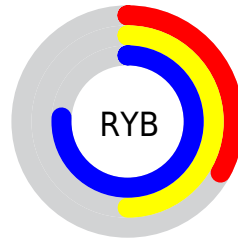
Distribution



Red (33%)

Green (60%)

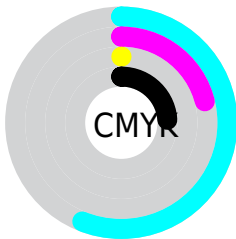
Blue (76%)



Red (33%)

Yellow (50%)

Blue (76%)

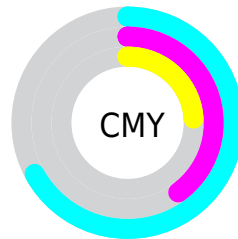


Cyan (56%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (67%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8751, 28.6088, 55.2499 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 24.8751, 28.6088, 55.2499 by changing the saturation by 10% instead.

■ 24.8751, 28.6088,
55.2499

■ 24.8751, 28.6088,
55.2499

269.5745,
295.3647, 424.1671

■ 16.1123, 18.7851,
39.2019

■ 50.8989, 57.4550,
99.3818

■ 9.6950, 11.5151,
26.6078

■ 68.8905, 77.2462,
128.3028

■ 5.2579, 6.4144,
17.0490

■ 90.6892, 101.1287,
162.3519

■ 2.4357, 3.0987,
10.1071

■ 116.6601,
129.4870, 201.9475

■ 0.8629, 1.1835,
5.3635

147.1688,
162.7053, 247.5084

■ 0.0000, 0.0481,
2.3996

182.5805,

■ 0.0000, 0.0000,

201.1681, 299.4529

0.7863

223.2606,
245.2597, 358.1996

■ 0.0000, 0.0000,
0.0000

■ 24.8751, 28.6088,
55.2499

■ 24.8751, 28.6088,
55.2499

■ 22.1914, 25.5066,
54.7931

■ 28.1165, 32.1081,
55.7550

■ 20.0208, 22.7749,
54.3802

■ 31.9500, 36.0223,
56.3085

■ 18.3157, 20.3878,
54.0093

■ 36.4103, 40.3718,
56.9130

■ 17.0147, 18.3114,
53.6771

■ 41.5284, 45.1744,
57.5702

■ 16.5785, 17.5767,
53.5583

■ 47.3332, 50.4466,
58.2819

■ 53.8519, 56.2042,
59.0496

■ 61.1099, 62.4620,
59.8750

■ 69.1316, 69.2341,
60.7593

■ 76.2252, 75.6501,
61.6239

Harmonies

Analogous

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



22.0542, 28.6088, 46.8487



24.8751, 28.6088, 55.2499



28.5827, 28.6088, 56.4025

Triad

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



24.8751, 28.6088, 55.2499



34.9758, 28.6088, 27.3947



22.7086, 28.6088, 17.9041

Complementary

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



24.8751, 28.6088, 55.2499



31.3495, 27.0479, 12.1638

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.



25.8468, 28.6088, 14.8485



24.8751, 28.6088, 55.2499



33.0711, 28.6088, 19.4204

Square

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



24.8751, 28.6088, 55.2499



34.6542, 28.6088, 38.4946



29.6481, 28.6088, 15.3303



20.8858, 28.6088, 24.8048

Rectangle

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



24.8751, 28.6088, 55.2499



31.0923, 28.6088, 52.6656



29.6481, 28.6088, 15.3303



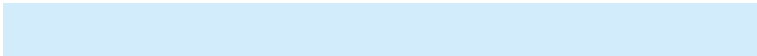
23.6319, 28.6088, 16.4746

Sweetspot

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



24.8761, 28.6098, 55.2506



74.1718, 80.8580, 104.1677



26.7385, 41.9954, 26.0886



15.8106, 17.3054, 22.7569



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.



24.8761, 28.6098, 55.2506



39.3973, 45.2312, 99.1238



17.9974, 14.8525, 52.9577



10.0399, 10.7711, 12.8347



10.9807, 11.7179, 35.2397



0.5390, 0.6353, 1.5441

Inverse Universe

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



31.2472, 20.2672, 32.4031



52.5916, 30.6801, 51.1963



40.1023, 44.5535, 15.0814



10.3314, 10.1812, 11.8359



16.9385, 8.4652, 12.8542



0.7644, 0.3788, 0.7269

Previews

White Background



This preview shows how the XYZ color 24.8751, 28.6088, 55.2499 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 24.8751, 28.6088, 55.2499 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 24.8751, 28.6088, 55.2499

Background



This preview shows how black text looks on a background with the XYZ color 24.8751, 28.6088, 55.2499.

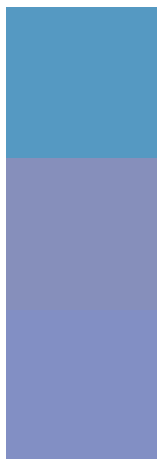


This preview shows how white text looks on a background with the XYZ color 24.8751, 28.6088,

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

24.8751, 28.6088, 55.2499

Protanopia

28.6236, 28.3011, 50.9677

Deuteranopia

28.9922, 28.3763, 56.1737



Tritanopia

22.2932, 28.5527, 42.3665

Trichromacy



Original Color

24.8751, 28.6088, 55.2499

Protanomaly

26.9304, 28.2981, 52.7579

Deuteranomaly

27.2235, 28.3850, 55.6738

Tritanomaly

23.2496, 28.6939, 46.9609

Monochromacy



Original Color

24.8751, 28.6088, 55.2499

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4652, 25.9651, 36.1228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8751, 28.6088, 55.2499 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, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(85, 153, 194)  
}
```

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, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 153, 194) }
```

Border

The CSS property to change the border of an element to XYZ 24.8751, 28.6088, 55.2499 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, 153, 194) }
```


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

```
.border{ border-color:rgb(85, 153, 194) }
```

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

Here you see how a box with a 4 pixel rgb(85, 153, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(85, 153,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8751, 28.6088, 55.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 153, 194) }
```

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

```
.background{ background-color: rgb(85, 153,  
194) }
```

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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