

Converting Colors

XYZ(25.3665, 29.6264, 53.7219)

Have a look what the booklet for
XYZ(25.3665, 29.6264, 53.7219)
contains.

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Color

**XYZ(25.4123, 29.6624,
53.6763)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 599CBF |
| RGB | 89, 156, 191 |
| RGB Percent | 35%, 61%, 75% |
| CMY | 0.6510, 0.3882, 0.2510 |
| CMYK | 0.53, 0.18, 0.00, 0.25 |
| HSL | 201°, 44%, 55% |
| HSV | 201°, 53%, 75% |
| XYZ | 25.4123, 29.6624, 53.6763 |
| YIQ | 139.9570, -51.1670, -3.3190 |

Conversions

Conversions Part 2

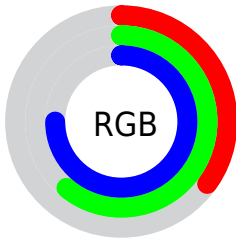
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 89, 129, 191 |
| Decimal | 5872831 |
| CIE _{Lab} | 61.36, -11.35, -24.61 |
| CIE _{LCh} | 61, 27.100, 245.250 |
| Yxy | 29.6624, 0.2337, 0.2728 |
| Android (android.graphics.Color) | 4284062911 (0xFF599CBF) |
| YUV | 139.9570, 25.1642, -44.6893 |
| Hunter-Lab | 54.4632, -12.0232, -20.3091 |

Details

The XYZ color **25.4123, 29.6624, 53.6763** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **30.4976, 26.2141, 12.9047**, and the grayscale version is **24.8311, 26.1243, 28.4493**.

A 20% lighter version of the original color is **51.5121, 58.8283, 96.6357**, and **9.9678, 12.1160, 25.4802** is the 20% darker color. If you saturate the color by 10%, you get **22.7416, 26.6973, 53.2453**, and if you desaturate by 10%, it is **28.6198, 32.9935, 54.1508**.

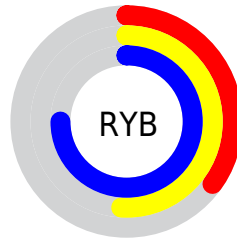
Distribution



Red (35%)

Green (61%)

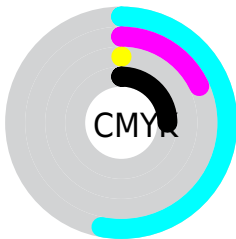
Blue (75%)



Red (35%)

Yellow (51%)

Blue (75%)

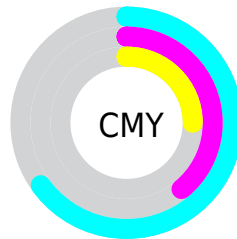


Cyan (53%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (65%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4123, 29.6624, 53.6763 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 25.4123, 29.6624, 53.6763 by changing the saturation by 10% instead.

■ 25.4123, 29.6624,
53.6763

■ 25.4123, 29.6624,
53.6763

272.1950,
300.3276, 418.0141

■ 16.5149, 19.5825,
37.9515

■ 51.7634, 59.1279,
97.0504

■ 9.9824, 12.0919,
25.6435

■ 69.9478, 79.2822,
125.5368

■ 5.4494, 6.8063,
16.3338

■ 91.9585, 103.5635,
159.1142

■ 2.5507, 3.3413,
9.6037

■ 118.1609,
132.3561, 198.2010

■ 0.9209, 1.3124,
5.0349

148.9205,
166.0444, 243.2159

■ 0.0000, 0.1508,
2.2086

184.6024,

■ 0.0000, 0.0000,

205.0128, 294.5773

0.6793

225.5721,
249.6458, 352.7039

■ 0.0000, 0.0000,
0.0000

■ 25.4123, 29.6624,
53.6763

■ 25.4123, 29.6624,
53.6763

■ 22.7416, 26.6973,
53.2453

■ 28.6198, 32.9935,
54.1508

■ 20.5662, 24.0737,
52.8535

■ 32.3956, 36.7065,
54.6684

■ 18.8428, 21.7684,
52.4994

■ 36.7721, 40.8198,
55.2317

■ 17.5186, 19.7528,
52.1802

■ 41.7783, 45.3499,
55.8423

■ 16.7963, 18.5460,
51.9853

■ 47.4412, 50.3118,
56.5015

■ 53.7862, 55.7199,
57.2110

■ 60.8373, 61.5877,
57.9720

■ 68.6173, 67.9282,
58.7858

■ 74.9415, 73.6164,
59.5504

Harmonies

Analogous

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



22.9442, 29.6624, 45.0433



25.4123, 29.6624, 53.6763



28.8269, 29.6624, 56.1341

Triad

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



25.4123, 29.6624, 53.6763



35.6070, 29.6624, 30.5292



24.4092, 29.6624, 18.7409

Complementary

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



25.4123, 29.6624, 53.6763



30.4976, 26.2141, 12.9047

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.



27.5689, 29.6624, 16.3928



25.4123, 29.6624, 53.6763



34.1873, 29.6624, 22.2159

Square

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



25.4123, 29.6624, 53.6763



34.9076, 29.6624, 41.2598



31.1700, 29.6624, 17.5155



22.4003, 29.6624, 24.7369

Rectangle

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



25.4123, 29.6624, 53.6763



31.2282, 29.6624, 53.5744



31.1700, 29.6624, 17.5155



25.3616, 29.6624, 17.5639

Sweetspot

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



25.4133, 29.6635, 53.6770



72.1489, 78.8290, 99.6920



26.3267, 40.8163, 25.2309



15.4272, 16.9351, 21.8410



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.4133, 29.6635, 53.6770



40.0434, 47.0164, 95.2437



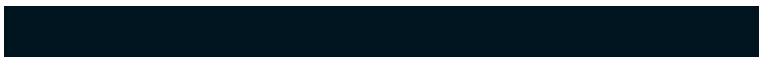
18.6789, 16.1947, 51.4322



9.5254, 10.2432, 12.1473



11.1154, 12.3425, 34.1894



0.4940, 0.6007, 1.3588

Inverse Universe

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



31.0599, 20.6225, 33.7971



51.6865, 30.8419, 53.6986



38.4259, 42.0706, 15.5475



9.7871, 9.6391, 11.2677



16.6113, 8.2757, 13.7787



0.6803, 0.3360, 0.6955

Previews

White Background



This preview shows how the XYZ color 25.4123, 29.6624, 53.6763 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 25.4123, 29.6624, 53.6763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

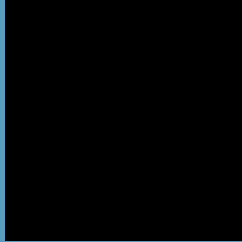
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4123, 29.6624, 53.6763

Background



This preview shows how black text looks on a background with the XYZ color 25.4123, 29.6624, 53.6763.

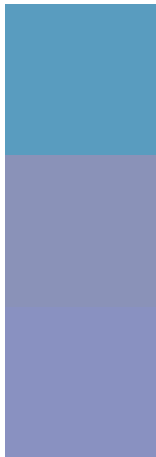


This preview shows how white text looks on a background with the XYZ color 25.4123, 29.6624,

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

25.4123, 29.6624, 53.6763

Protanopia

29.4118, 29.4217, 49.4762

Deuteranopia

30.0676, 29.4194, 54.5459



Tritanopia

23.3242, 29.5687, 43.5077

Trichromacy



Original Color

25.4123, 29.6624, 53.6763

Protanomaly

27.6217, 29.3936, 51.2314

Deuteranomaly

28.0076, 29.2937, 54.0473

Tritanomaly

24.1099, 29.6397, 47.0981

Monochromacy



Original Color

25.4123, 29.6624, 53.6763

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.4220, 27.1259, 36.7495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4123, 29.6624, 53.6763 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(89, 156, 191)` looks like.

```
.text, #text, p{  
    color:rgb(89, 156, 191)  
}
```

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(89, 156, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 156, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.4123, 29.6624, 53.6763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

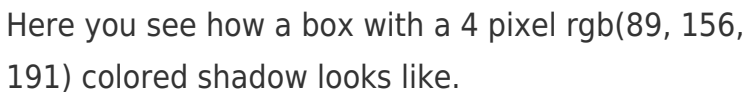
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 156, 191) }
```


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

```
.border{ border-color:rgb(89, 156, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(89, 156, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 156, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 156, 191); box-shadow:4px 4px 4px 4px rgb(89, 156, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4123, 29.6624, 53.6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 156, 191) }
```

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

```
.background{ background-color: rgb(89, 156,  
191) }
```

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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