

Converting Colors

XYZ(25.6462, 29.0388, 54.7054)

Have a look what the booklet for
XYZ(25.6462, 29.0388, 54.7054)
contains.

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Color

**XYZ(25.6330, 29.0124,
54.7010)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5E99C1 |
| RGB | 94, 153, 193 |
| RGB Percent | 37%, 60%, 76% |
| CMY | 0.6314, 0.4000, 0.2431 |
| CMYK | 0.51, 0.21, 0.00, 0.24 |
| HSL | 204°, 44%, 56% |
| HSV | 204°, 51%, 76% |
| XYZ | 25.6330, 29.0124, 54.7010 |
| YIQ | 139.9190, -48.0040, -0.0680 |

Conversions

Conversions Part 2

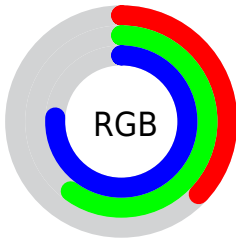
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 94, 131, 193 |
| Decimal | 6199745 |
| CIE _{Lab} | 60.79, -7.96, -26.59 |
| CIE _{LCh} | 61, 27.757, 253.331 |
| Yxy | 29.0124, 0.2344, 0.2653 |
| Android (android.graphics.Color) | 4284389825 (0xFF5E99C1) |
| YUV | 139.9190, 26.1689, -40.2710 |
| Hunter-Lab | 53.8632, -9.3140, -22.5080 |

Details

The XYZ color **25.6330, 29.0124, 54.7010** 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 **32.5388, 29.1970, 14.5115**, and the grayscale version is **24.8117, 26.1039, 28.4271**.

A 20% lighter version of the original color is **52.1458, 58.0118, 98.8915**, and **10.0713, 11.7069, 26.1549** is the 20% darker color. If you saturate the color by 10%, you get **22.6610, 25.6476, 54.2087**, and if you desaturate by 10%, it is **29.1851, 32.8013, 55.2457**.

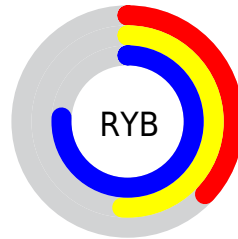
Distribution



Red (37%)

Green (60%)

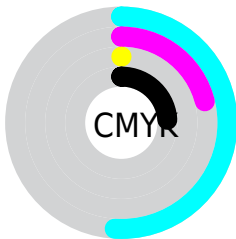
Blue (76%)



Red (37%)

Yellow (51%)

Blue (76%)

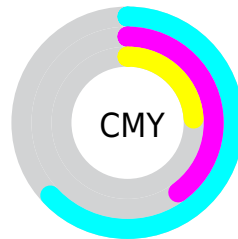


Cyan (51%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (63%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6330, 29.0124, 54.7010 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 25.6330, 29.0124, 54.7010 by changing the saturation by 10% instead.

■ 25.6330, 29.0124,
54.7010

■ 25.6330, 29.0124,
54.7010

273.2657,
297.2735, 422.0275

■ 16.6805, 19.0902,
38.7654

■ 52.1178, 58.0968,
98.5695

■ 10.1009, 11.7355,
26.2708

■ 70.3809, 78.0278,
127.3395

■ 5.5287, 6.5638,
16.7988

■ 92.4782, 102.0638,
161.2246

■ 2.5986, 3.1909,
9.9307

■ 118.7751,
130.5893, 200.6436

■ 0.9452, 1.2322,
5.2480

149.6369,
163.9886, 246.0148

■ 0.0000, 0.0877,
2.3322

185.4291,

■ 0.0000, 0.0000,

202.6461, 297.7568

0.7492

226.5169,
246.9463, 356.2882

■ 0.0000, 0.0000,
0.0000

■ 25.6330, 29.0124,
54.7010

■ 25.6330, 29.0124,
54.7010

■ 22.6610, 25.6476,
54.2087

■ 29.1851, 32.8013,
55.2457

■ 20.2271, 22.6810,
53.7644

■ 33.3498, 37.0315,
55.8427

■ 18.2876, 20.0885,
53.3662

■ 38.1601, 41.7230,
56.4947

■ 16.7897, 17.8401,
53.0112

■ 43.6461, 46.8932,
57.2035

■ 15.7588, 16.1164,
52.7328

■ 49.8355, 52.5587,
57.9708

■ 56.7546, 58.7351,
58.7983

■ 64.4283, 65.4372,
59.6875

■ 72.8803, 72.6792,
60.6399

■ 77.3029, 77.9845,
61.4308

Harmonies

Analogous

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



22.8308, 29.0124, 47.2786



25.6330, 29.0124, 54.7010



29.2061, 29.0124, 55.1340

Triad

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



25.6330, 29.0124, 54.7010



34.8916, 29.0124, 27.2264



23.0836, 29.0124, 19.2295

Complementary

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



25.6330, 29.0124, 54.7010



32.5388, 29.1970, 14.5115

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.



26.0066, 29.0124, 15.9326



25.6330, 29.0124, 54.7010



32.9357, 29.0124, 19.8233

Square

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



25.6330, 29.0124, 54.7010



34.7694, 29.0124, 37.6381



29.6136, 29.0124, 16.1232



21.4492, 29.0124, 26.2265

Rectangle

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



25.6330, 29.0124, 54.7010



31.5656, 29.0124, 51.2668



29.6136, 29.0124, 16.1232



23.9365, 29.0124, 17.7276

Sweetspot

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



25.6340, 29.0135, 54.7017



74.1489, 80.2308, 101.9383



27.9622, 42.2305, 29.0870



15.4597, 16.7902, 21.8113



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.



25.6340, 29.0135, 54.7017



39.7887, 44.9941, 96.9479



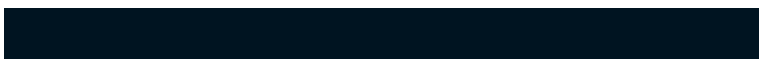
19.1831, 16.1117, 52.5514



10.0161, 10.7236, 12.8268



10.5614, 10.8793, 35.0999



0.5225, 0.6024, 1.5386

Inverse Universe

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



31.7457, 21.6439, 32.6425



52.4789, 32.0837, 50.6082



40.9675, 46.0546, 17.3211



10.3194, 10.1764, 11.7727



16.7269, 8.3805, 11.7398



0.7561, 0.3755, 0.6831

Previews

White Background



This preview shows how the XYZ color 25.6330, 29.0124, 54.7010 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 25.6330, 29.0124, 54.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

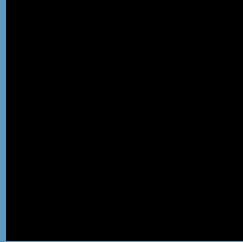
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6330, 29.0124, 54.7010

Background



This preview shows how black text looks on a background with the XYZ color 25.6330, 29.0124, 54.7010.

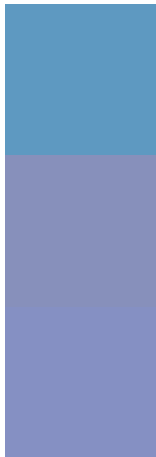


This preview shows how white text looks on a background with the XYZ color 25.6330, 29.0124,

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

25.6330, 29.0124, 54.7010

Protanopia

28.9346, 28.6853, 51.0255

Deuteranopia

29.4965, 28.8732, 55.6482



Tritanopia

23.1504, 28.9947, 42.4066

Trichromacy



Original Color

25.6330, 29.0124, 54.7010

Protanomaly

27.3648, 28.5346, 52.2096

Deuteranomaly

27.7791, 28.6844, 55.1115

Tritanomaly

24.0442, 29.1151, 46.4720

Monochromacy



Original Color

25.6330, 29.0124, 54.7010

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5518, 26.9650, 36.7116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6330, 29.0124, 54.7010 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(94, 153, 193)` looks like.

```
.text, #text, p{  
    color:rgb(94, 153, 193)  
}
```

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(94, 153, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 153, 193) }
```

Border

The CSS property to change the border of an element to XYZ 25.6330, 29.0124, 54.7010 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(94, 153, 193) }
```


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

```
.border{ border-color:rgb(94, 153, 193) }
```

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

Here you see how a box with a 4 pixel rgb(94, 153, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 153, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 153, 193);  
box-shadow:4px 4px 4px 4px rgb(94, 153,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6330, 29.0124, 54.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 153, 193) }
```

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

```
.background{ background-color: rgb(94, 153,  
193) }
```

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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