

Converting Colors

XYZ(25.9577, 30.4332, 54.3752)

Have a look what the booklet for
XYZ(25.9577, 30.4332, 54.3752)
contains.

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Color

**XYZ(25.9577, 30.4332,
54.3752)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9EC0
RGB	90, 158, 192
RGB Percent	35%, 62%, 75%
CMY	0.6470, 0.3804, 0.2471
CMYK	0.53, 0.18, 0.00, 0.25
HSL	200°, 45%, 55%
HSV	200°, 53%, 75%
XYZ	25.9577, 30.4332, 54.3752
YIQ	141.5440, -51.4420, -3.8420

Conversions

Conversions Part 2

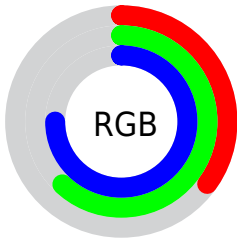
Format	Color
R_{YB}	90, 131, 192
Decimal	5938880
CIE _{Lab}	62.03, -11.92, -24.15
CIE _{LCh}	62, 26.930, 243.726
Yxy	30.4332, 0.2343, 0.2748
Android (android.graphics.Color)	4284128960 (0xFF5A9EC0)
YUV	141.5440, 24.8748, -45.2041
Hunter-Lab	55.1663, -12.5504, -19.8234

Details

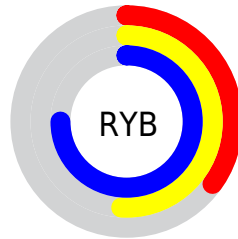
The XYZ color **25.9577, 30.4332, 54.3752** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **30.7920, 26.3607, 13.1390**, and the grayscale version is **25.4517, 26.7772, 29.1604**.

A 20% lighter version of the original color is **52.7472, 60.5390, 98.5277**, and **10.2711, 12.5700, 25.9297** is the 20% darker color. If you saturate the color by 10%, you get **23.2626, 27.4658, 53.9450**, and if you desaturate by 10%, it is **29.1940, 33.7652, 54.8483**.

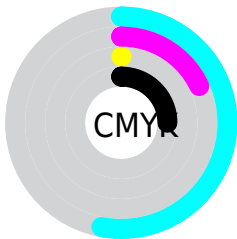
Distribution



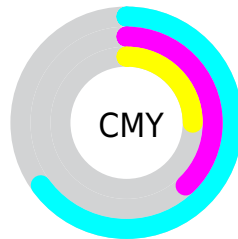
- Red (35%)
- Green (62%)
- Blue (75%)



- Red (35%)
- Yellow (51%)
- Blue (75%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9577, 30.4332, 54.3752 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 25.9577, 30.4332, 54.3752 by changing the saturation by 10% instead.

■ 25.9577, 30.4332,
54.3752

■ 25.9577, 30.4332,
54.3752

274.8349,
303.9185, 420.7542

■ 16.9245, 20.1676,
38.5065

■ 52.6385, 60.3466,
98.0869

■ 10.2757, 12.5170,
26.0712

■ 71.0168, 80.7632,
126.7669

■ 5.6458, 7.0968,
16.6506

■ 93.2409, 105.3323,
160.5545

■ 2.6695, 3.5227,
9.8264

■ 119.6760,
134.4382, 199.8681

■ 0.9815, 1.4103,
5.1799

150.6877,
168.4654, 245.1264

■ 0.0000, 0.2243,
2.2926

186.6411,

■ 0.0000, 0.0000,

207.7983, 296.7478

0.7271

227.9017,
252.8212, 355.1508

■ 0.0000, 0.0000,
0.0000

■ 25.9577, 30.4332,
54.3752

■ 25.9577, 30.4332,
54.3752

■ 23.2626, 27.4658,
53.9450

■ 29.1940, 33.7652,
54.8483

■ 21.0668, 24.8383,
53.5536

■ 33.0032, 37.4777,
55.3642

■ 19.3269, 22.5277,
53.1993

■ 37.4180, 41.5892,
55.9251

■ 17.9896, 20.5050,
52.8794

■ 42.4676, 46.1160,
56.5327

■ 17.2340, 19.2447,
52.6760

■ 48.1792, 51.0733,
57.1885

■ 54.5786, 56.4755,
57.8940

■ 61.6898, 62.3362,
58.6504

■ 69.5358, 68.6683,
59.4591

■ 75.2085, 73.9737,
60.1841

Harmonies

Analogous

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



23.5231, 30.4332, 45.4589



25.9577, 30.4332, 54.3752



29.3797, 30.4332, 57.2254

Triad

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



25.9577, 30.4332, 54.3752



36.4284, 30.4332, 31.8602



25.2369, 30.4332, 19.1883

Complementary

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



25.9577, 30.4332, 54.3752



30.7920, 26.3607, 13.1390

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.



28.4767, 30.4332, 16.9813



25.9577, 30.4332, 54.3752



35.0984, 30.4332, 23.2703

Square

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



25.9577, 30.4332, 54.3752



35.6145, 30.4332, 42.7493



32.1120, 30.4332, 18.3039



23.1319, 30.4332, 25.0850

Rectangle

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



25.9577, 30.4332, 54.3752



31.8127, 30.4332, 54.8973



32.1120, 30.4332, 18.3039



26.2192, 30.4332, 18.0533

Sweetspot

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



25.9587, 30.4343, 54.3759



73.9546, 80.9062, 102.0789



26.5983, 41.2862, 25.0781



15.4544, 16.9893, 21.8500



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.



25.9587, 30.4343, 54.3759



41.3257, 48.8139, 97.6042



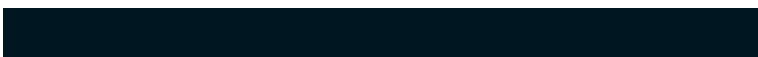
19.1684, 16.8538, 52.1125



10.0766, 10.8444, 12.8469



11.6705, 13.0974, 35.4696



0.5654, 0.6883, 1.5529

Inverse Universe

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



31.5668, 20.9883, 34.7364



53.0727, 31.6242, 55.8837



38.5855, 41.9477, 15.7368



10.3499, 10.1886, 11.9333



17.2867, 8.6044, 14.6876



0.7778, 0.3841, 0.7973

Previews

White Background



This preview shows how the XYZ color 25.9577, 30.4332, 54.3752 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.9577, 30.4332, 54.3752 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 ✓ Pass

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

XYZ 25.9577, 30.4332, 54.3752

Background



This preview shows how black text looks on a background with the XYZ color 25.9577, 30.4332, 54.3752.

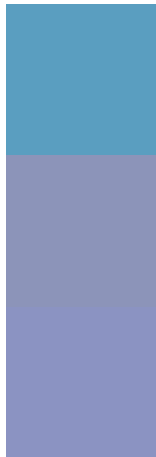


This preview shows how white text looks on a background with the XYZ color 25.9577, 30.4332,

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

25.9577, 30.4332, 54.3752

Protanopia

30.1621, 30.2580, 50.1496

Deuteranopia

30.8188, 30.2514, 55.2537



Tritanopia

24.0410, 30.4305, 44.6510

Trichromacy



Original Color

25.9577, 30.4332, 54.3752

Protanomaly

28.3314, 30.2249, 51.9177

Deuteranomaly

28.5774, 30.0484, 54.7458

Tritanomaly

24.7490, 30.4562, 48.2903

Monochromacy



Original Color

25.9577, 30.4332, 54.3752

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1034, 27.9288, 37.3254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9577, 30.4332, 54.3752 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(90, 158, 192)` looks like.

```
.text, #text, p{  
    color:rgb(90, 158, 192)  
}
```

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(90, 158, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 158, 192) }
```

Border

The CSS property to change the border of an element to XYZ 25.9577, 30.4332, 54.3752 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(90, 158, 192) }
```


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

```
.border{ border-color:rgb(90, 158, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 158, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 158, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 158, 192);  
box-shadow:4px 4px 4px 4px rgb(90, 158,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9577, 30.4332, 54.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 158, 192) }
```

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

```
.background{ background-color: rgb(90, 158,  
192) }
```

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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