

Converting Colors

XYZ(24.3775, 25.8176, 54.3843)

Have a look what the booklet for
XYZ(24.3775, 25.8176, 54.3843)
contains.

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Color

**XYZ(24.3356, 25.7929,
54.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	628EC1
RGB	98, 142, 193
RGB Percent	38%, 56%, 76%
CMY	0.6157, 0.4431, 0.2431
CMYK	0.49, 0.26, 0.00, 0.24
HSL	212°, 43%, 57%
HSV	212°, 49%, 76%
XYZ	24.3356, 25.7929, 54.1480
YIQ	134.6580, -42.5950, 6.5330

Conversions

Conversions Part 2

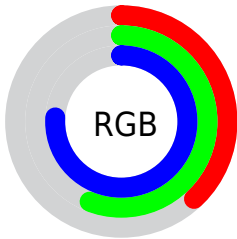
Format	Color
R_{YB}	98, 128, 193
Decimal	6459073
CIE _{Lab}	57.84, -0.78, -31.14
CIE _{LCh}	58, 31.154, 268.566
Yxy	25.7929, 0.2334, 0.2474
Android (android.graphics.Color)	4284649153 (0xFF628EC1)
YUV	134.6580, 28.7626, -32.1491
Hunter-Lab	50.7867, -3.3444, -27.6634

Details

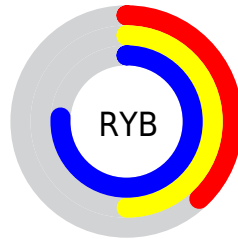
The XYZ color **24.3356, 25.7929, 54.1480** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **34.9452, 33.7152, 16.2221**, and the grayscale version is **22.8116, 23.9995, 26.1355**.

A 20% lighter version of the original color is **50.1321, 53.1543, 98.0600**, and **9.4018, 9.9898, 25.8588** is the 20% darker color. If you saturate the color by 10%, you get **21.0283, 21.9052, 53.5724**, and if you desaturate by 10%, it is **28.2901, 30.2279, 54.7961**.

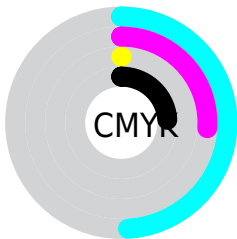
Distribution



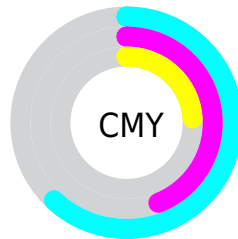
- Red (38%)
- Green (56%)
- Blue (76%)



- Red (38%)
- Yellow (50%)
- Blue (76%)



- Cyan (49%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3356, 25.7929, 54.1480 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 24.3356, 25.7929, 54.1480 by changing the saturation by 10% instead.

■ 24.3356, 25.7929,
54.1480

■ 24.3356, 25.7929,
54.1480

266.9219,
281.7640, 419.8647

■ 15.7088, 16.6688,
38.3260

■ 50.0280, 52.9407,
97.7501

■ 9.4079, 9.9986,
25.9320

■ 67.8243, 71.7331,
126.3673

■ 5.0674, 5.3980,
16.5475

■ 89.4079, 94.5170,
160.0867

■ 2.3220, 2.4826,
9.7539

■ 115.1441,
121.6769, 199.3267

■ 0.8059, 0.8679,
5.1326

145.3982,
153.5972, 244.5060

■ 0.0000, 0.0000,
2.2652

180.5357,

■ 0.0000, 0.0000,

190.6622, 296.0431

0.7116

220.9218,
233.2563, 354.3565

■ 0.0000, 0.0000,
0.0000

■ 24.3356, 25.7929,
54.1480

■ 24.3356, 25.7929,
54.1480

■ 21.0283, 21.9052,
53.5724

■ 28.2901, 30.2279,
54.7961

■ 18.3248, 18.5354,
53.0644

■ 32.9258, 35.2319,
55.5177

■ 16.1804, 15.6546,
52.6214

■ 38.2775, 40.8287,
56.3159

■ 14.5417, 13.2293,
52.2397

■ 44.3766, 47.0395,
57.1932

■ 13.3173, 11.2055,
51.9136

■ 51.2526, 53.8846,
58.1521

■ 13.2306, 11.0600,
51.8901

■ 58.9333, 61.3832,
59.1946

■ 67.4452, 69.5536,
60.3230

■ 76.8132, 78.4131,
61.5393

■ 80.6465, 84.6717,
62.5453

Harmonies

Analogous

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



20.9494, 25.7929, 49.6040



24.3356, 25.7929, 54.1480



28.1213, 25.7929, 50.3620

Triad

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



24.3356, 25.7929, 54.1480



31.3971, 25.7929, 19.3342



18.8717, 25.7929, 18.6456

Complementary

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



24.3356, 25.7929, 54.1480



34.9452, 33.7152, 16.2221

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.



21.2317, 25.7929, 13.5895



24.3356, 25.7929, 54.1480



28.4647, 25.7929, 13.9101

Square

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



24.3356, 25.7929, 54.1480



32.4392, 25.7929, 28.6034



24.6960, 25.7929, 12.1042



17.9999, 25.7929, 27.5711

Rectangle

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



24.3356, 25.7929, 54.1480



30.3183, 25.7929, 44.0565



24.6960, 25.7929, 12.1042



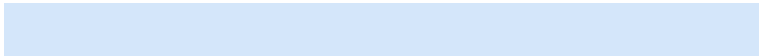
19.5046, 25.7929, 16.5306

Sweetspot

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



24.3365, 25.7938, 54.1486



72.7454, 77.4239, 101.4705



29.5060, 42.8966, 35.0201



15.1214, 16.1136, 21.6986



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.



24.3365, 25.7938, 54.1486



37.2865, 38.7779, 95.8800



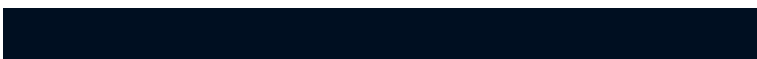
19.3797, 15.3629, 52.3965



9.9042, 10.4996, 12.7895



8.8782, 7.5128, 34.5388



0.4525, 0.4624, 1.5153

Inverse Universe

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



31.2432, 22.0267, 28.1969



51.5117, 32.8294, 42.0235



42.4688, 49.9481, 18.9588



10.2629, 10.1538, 11.4751



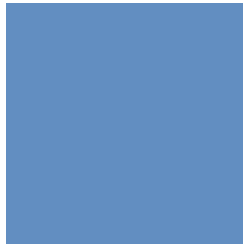
15.8773, 8.0407, 7.2657



0.7208, 0.3613, 0.4970

Previews

White Background



This preview shows how the XYZ color 24.3356, 25.7929, 54.1480 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 24.3356, 25.7929, 54.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

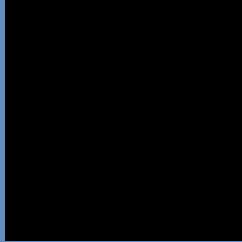
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3356, 25.7929, 54.1480

Background



This preview shows how black text looks on a background with the XYZ color 24.3356, 25.7929, 54.1480.

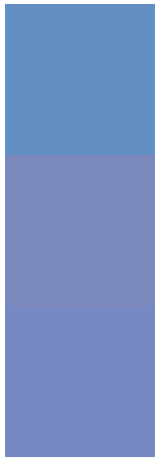


This preview shows how white text looks on a background with the XYZ color 24.3356, 25.7929,

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

24.3356, 25.7929, 54.1480

Protanopia

26.2993, 25.7764, 51.7333

Deuteranopia

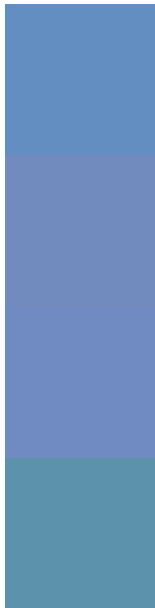
26.2910, 25.7083, 54.6154



Tritanopia

20.9596, 25.7926, 37.1315

Trichromacy



Original Color

24.3356, 25.7929, 54.1480

Protanomaly

25.4663, 25.7604, 52.3452

Deuteranomaly

25.5258, 25.7398, 54.6619

Tritanomaly

22.1389, 25.8116, 42.8450

Monochromacy



Original Color

24.3356, 25.7929, 54.1480

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1153, 24.7148, 35.0046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3356, 25.7929, 54.1480 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(98, 142, 193)` looks like.

```
.text, #text, p{  
    color:rgb(98, 142, 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(98, 142, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 142, 193) }
```

Border

The CSS property to change the border of an element to XYZ 24.3356, 25.7929, 54.1480 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(98, 142, 193) }
```


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

```
.border{ border-color:rgb(98, 142, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 142, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 142, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 142, 193);  
box-shadow:4px 4px 4px 4px rgb(98, 142,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3356, 25.7929, 54.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 142, 193) }
```

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

```
.background{ background-color: rgb(98, 142,  
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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