

Converting Colors

XYZ(24.2285, 25.0580, 55.1895)

Have a look what the booklet for
XYZ(24.2285, 25.0580, 55.1895)
contains.

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Color

**XYZ(24.2285, 25.0580,
55.1895)**

Conversions

Conversions Part 1

Format	Color
Hex	638BC3
RGB	99, 139, 195
RGB Percent	39%, 55%, 76%
CMY	0.6117, 0.4549, 0.2353
CMYK	0.49, 0.29, 0.00, 0.24
HSL	215°, 44%, 58%
HSV	215°, 49%, 76%
XYZ	24.2285, 25.0580, 55.1895
YIQ	133.4240, -41.8160, 8.9360

Conversions

Conversions Part 2

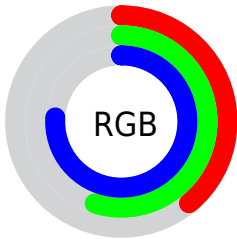
Format	Color
R_{YB}	99, 127, 195
Decimal	6523843
CIE Lab	57.13, 1.81, -33.37
CIE LCh	57, 33.423, 273.097
Yxy	25.0580, 0.2319, 0.2398
Android (android.graphics.Color)	4284713923 (0xFF638BC3)
YUV	133.4240, 30.3570, -30.1898
Hunter-Lab	50.0580, -1.2059, -30.3273

Details

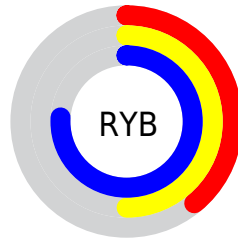
The XYZ color **24.2285, 25.0580, 55.1895** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **36.4800, 35.9467, 16.8211**, and the grayscale version is **22.3532, 23.5174, 25.6104**.

A 20% lighter version of the original color is **49.7468, 51.5976, 99.4329**, and **9.3349, 9.5601, 26.5526** is the 20% darker color. If you saturate the color by 10%, you get **20.7876, 20.9653, 54.5814**, and if you desaturate by 10%, it is **28.3569, 29.7604, 55.8800**.

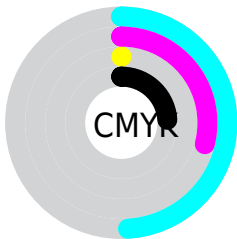
Distribution



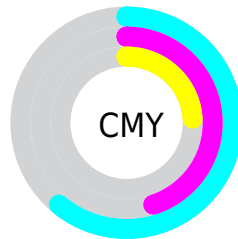
- Red (39%)
- Green (55%)
- Blue (76%)



- Red (39%)
- Yellow (50%)
- Blue (76%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2285, 25.0580, 55.1895 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 24.2285, 25.0580, 55.1895 by changing the saturation by 10% instead.

■ 24.2285, 25.0580,
55.1895

■ 24.2285, 25.0580,
55.1895

266.3928,
278.1267, 423.9320

■ 15.6289, 16.1203,
39.1538

■ 49.8548, 51.7513,
99.2925

■ 9.3511, 9.6093,
26.5707

■ 67.6121, 70.2757,
128.1969

■ 5.0298, 5.1407,
17.0215

■ 89.1528, 92.7644,
162.2279

■ 2.2997, 2.3300,
10.0877

■ 114.8421,
119.6018, 201.8042

■ 0.7945, 0.7895,
5.3508

145.0454,
151.1723, 247.3442

■ 0.0000, 0.0000,
2.3922

180.1280,

■ 0.0000, 0.0000,

187.8604, 299.2665

0.7822

220.4553,
230.0504, 357.9896

■ 0.0000, 0.0000,
0.0000

■ 24.2285, 25.0580,
55.1895

■ 24.2285, 25.0580,
55.1895

■ 20.7876, 20.9653,
54.5814

■ 28.3569, 29.7604,
55.8800

■ 17.9886, 17.4499,
54.0503

■ 33.2091, 35.0973,
56.6544

■ 15.7842, 14.4795,
53.5932

■ 38.8217, 41.0952,
57.5163

■ 14.1183, 12.0167,
53.2056

■ 45.2280, 47.7780,
58.4686

■ 12.8961, 10.0035,
52.8815

■ 52.4592, 55.1685,
59.5140

■ 12.8114, 9.8622,
52.8586

■ 60.5449, 63.2882,
60.6551

■ 69.5129, 72.1576,
61.8944

■ 79.3882, 81.7957,
63.2342

■ 82.6579, 88.3351,
64.3241

Harmonies

Analogous

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



20.5507, 25.0580, 51.5667



24.2285, 25.0580, 55.1895



28.1979, 25.0580, 49.7956

Triad

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



24.2285, 25.0580, 55.1895



30.7440, 25.0580, 17.0684



17.6796, 25.0580, 18.5969

Complementary

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



24.2285, 25.0580, 55.1895



36.4800, 35.9467, 16.8211

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.



19.9149, 25.0580, 12.8450



24.2285, 25.0580, 55.1895



27.4120, 25.0580, 12.1486

Square

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



24.2285, 25.0580, 55.1895



32.2109, 25.0580, 26.1285



23.4099, 25.0580, 10.8473



17.0247, 25.0580, 28.4729

Rectangle

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



24.2285, 25.0580, 55.1895



30.4031, 25.0580, 42.4958



23.4099, 25.0580, 10.8473



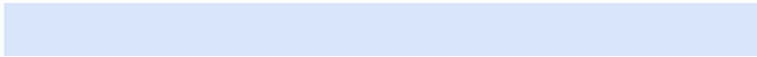
18.2579, 25.0580, 16.2194

Sweetspot

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



24.2294, 25.0589, 55.1901



73.9412, 78.2352, 103.6736



30.5779, 44.0501, 37.9022



15.6664, 16.5815, 22.6248



0.0000, 0.0000, 0.0000



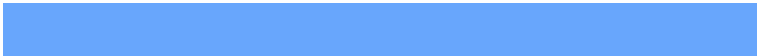
20.3446, 21.4041, 23.3091

Same Dimension

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



24.2294, 25.0589, 55.1901



36.8508, 37.0846, 97.6856



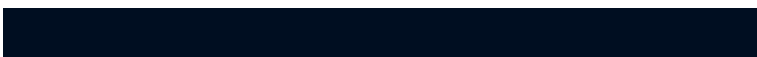
20.3765, 15.9906, 53.6428



9.8654, 10.4221, 12.7765



8.4056, 6.5677, 34.3813



0.4311, 0.4197, 1.5082

Inverse Universe

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



31.6285, 22.3908, 27.0818



52.0517, 33.3179, 39.5548



42.2614, 50.4965, 19.3248



10.2434, 10.1460, 11.3721



15.6387, 7.9452, 6.0096



0.7100, 0.3570, 0.4403

Previews

White Background



This preview shows how the XYZ color 24.2285, 25.0580, 55.1895 looks on a white background.

Color Contrast Check

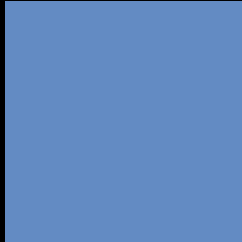
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2285, 25.0580, 55.1895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

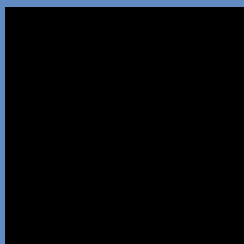
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

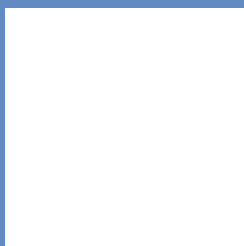
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2285, 25.0580, 55.1895

Background



This preview shows how black text looks on a background with the XYZ color 24.2285, 25.0580, 55.1895.

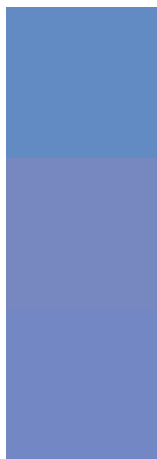


This preview shows how white text looks on a background with the XYZ color 24.2285, 25.0580,

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

24.2285, 25.0580, 55.1895

Protanopia

25.7861, 25.0557, 53.3463

Deuteranopia

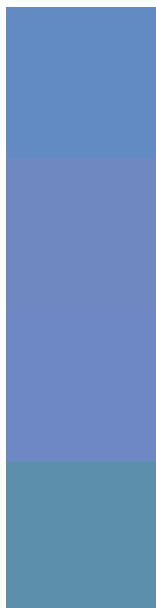
25.5672, 24.8909, 55.6814



Tritanopia

20.3809, 25.0526, 36.1092

Trichromacy



Original Color

24.2285, 25.0580, 55.1895

Protanomaly

25.1119, 24.9033, 53.9354

Deuteranomaly

25.0746, 24.8451, 55.6986

Tritanomaly

21.4875, 24.8093, 42.1842

Monochromacy



Original Color

24.2285, 25.0580, 55.1895

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5499, 23.7932, 34.8565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2285, 25.0580, 55.1895 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(99, 139, 195)` looks like.

```
.text, #text, p{  
    color:rgb(99, 139, 195)  
}
```

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(99, 139, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 139, 195) }
```

Border

The CSS property to change the border of an element to XYZ 24.2285, 25.0580, 55.1895 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(99, 139, 195) }
```


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

```
.border{ border-color:rgb(99, 139, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 139, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 139, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 139, 195);  
box-shadow:4px 4px 4px 4px rgb(99, 139,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2285, 25.0580, 55.1895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 139, 195) }
```

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

```
.background{ background-color: rgb(99, 139,  
195) }
```

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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