

Converting Colors

XYZ(24.0358, 25.0597, 67.8624)

Have a look what the booklet for
XYZ(24.0358, 25.0597, 67.8624)
contains.

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Color

**XYZ(24.1054, 25.1493,
67.8738)**

Conversions

Conversions Part 1

Format	Color
Hex	438DD7
RGB	67, 141, 215
RGB Percent	26%, 55%, 84%
CMY	0.7372, 0.4471, 0.1569
CMYK	0.69, 0.34, 0.00, 0.16
HSL	210°, 65%, 55%
HSV	210°, 69%, 84%
XYZ	24.1054, 25.1493, 67.8738
YIQ	127.3100, -67.8580, 7.3260

Conversions

Conversions Part 2

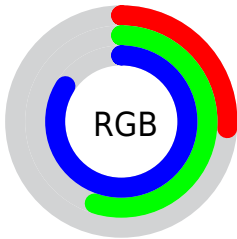
Format	Color
R_{YB}	67, 116, 215
Decimal	4427223
CIE _{Lab}	57.22, 0.89, -44.61
CIE _{LCh}	57, 44.615, 271.137
Yxy	25.1493, 0.2058, 0.2147
Android (android.graphics.Color)	4282617303 (0xFF438DD7)
YUV	127.3100, 43.2312, -52.8919
Hunter-Lab	50.1491, -1.9604, -45.1411

Details

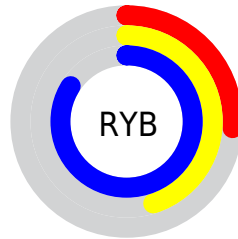
The XYZ color **24.1054, 25.1493, 67.8738** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **38.5643, 33.9052, 9.8236**, and the grayscale version is **20.1533, 21.2028, 23.0899**.

A 20% lighter version of the original color is **46.5477, 50.5494, 101.9114**, and **10.0862, 10.0202, 34.6602** is the 20% darker color. If you saturate the color by 10%, you get **21.3866, 21.5079, 67.3148**, and if you desaturate by 10%, it is **27.5269, 29.3821, 68.5110**.

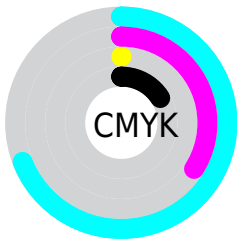
Distribution



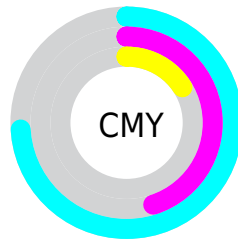
- Red (26%)
- Green (55%)
- Blue (84%)



- Red (26%)
- Yellow (45%)
- Blue (84%)



- Cyan (69%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (74%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1054, 25.1493, 67.8738 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 24.1054, 25.1493, 67.8738 by changing the saturation by 10% instead.

■ 24.1054, 25.1493,
67.8738

■ 24.1054, 25.1493,
67.8738

265.7835,
278.5807, 471.6347

■ 15.5370, 16.1883,
49.3290

■ 49.6556, 51.8993,
117.8241

■ 9.2859, 9.6575,
34.5131

■ 67.3680, 70.4572,
150.0667

■ 4.9867, 5.1725,
23.0075

■ 88.8592, 92.9828,
187.7123

■ 2.2741, 2.3488,
14.3937

■ 114.4945,
119.8605, 231.1795

■ 0.7814, 0.7994,
8.2531

■ 144.6392,
151.4747, 280.8868

■ 0.0000, 0.0000,
4.1673

179.6587,

■ 0.0000, 0.0000,

188.2099, 337.2527

1.7175

219.9184,
230.4504, 400.6958

■ 0.0000, 0.0000,
0.3727

■ 0.0000, 0.0000,
0.0000

■ 24.1054, 25.1493,
67.8738

■ 24.1054, 25.1493,
67.8738

■ 21.3866, 21.5079,
67.3148

■ 27.5269, 29.3821,
68.5110

■ 19.2993, 18.4136,
66.8275

■ 31.7066, 34.2401,
69.2284

■ 17.7392, 15.8064,
66.4065

■ 36.6974, 39.7569,
70.0302

■ 17.5752, 15.5251,
66.3608

■ 42.5461, 45.9623,
70.9197

■ 49.2956, 52.8841,
71.9000

■ 56.9860, 60.5483,
72.9740

■ 65.6547, 68.9795,
74.1445

■ 75.3371, 78.2008,
75.4141

■ 84.0098, 87.1742,
76.6890

Harmonies

Analogous

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



19.3366, 25.1493, 61.4903



24.1054, 25.1493, 67.8738



29.5380, 25.1493, 60.5076

Triad

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



24.1054, 25.1493, 67.8738



33.6726, 25.1493, 14.9474



16.0795, 25.1493, 15.6238

Complementary

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



24.1054, 25.1493, 67.8738



38.5643, 33.9052, 9.8236

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.



19.0356, 25.1493, 9.2926



24.1054, 25.1493, 67.8738



29.1385, 25.1493, 9.0151

Square

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



24.1054, 25.1493, 67.8738



35.5388, 25.1493, 26.8112



23.7030, 25.1493, 7.4050



15.1334, 25.1493, 27.9635

Rectangle

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



24.1054, 25.1493, 67.8738



32.6977, 25.1493, 49.9378



23.7030, 25.1493, 7.4050



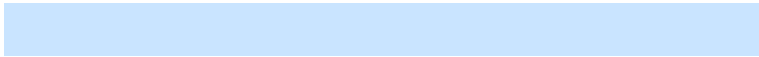
16.8473, 25.1493, 12.9077

Sweetspot

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



24.1064, 25.1501, 67.8744



70.0635, 75.3098, 105.4512



31.4242, 51.7182, 33.5279



14.3939, 15.5037, 22.4838



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.



24.1064, 25.1501, 67.8744



29.8352, 29.2896, 98.6887



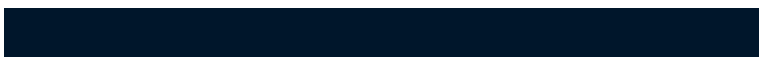
16.5891, 10.1155, 65.3687



12.2504, 13.0243, 15.8058



10.6181, 9.4979, 39.7268



0.7232, 0.7384, 2.4237

Inverse Universe

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



34.8402, 20.3859, 27.2984



47.5550, 25.1886, 30.8600



53.3386, 63.4539, 14.7484



12.6796, 12.5233, 14.2530



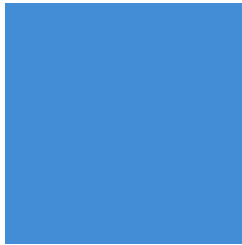
18.4184, 9.3037, 9.5071



1.1527, 0.5779, 0.7934

Previews

White Background



This preview shows how the XYZ color 24.1054, 25.1493, 67.8738 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 24.1054, 25.1493, 67.8738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

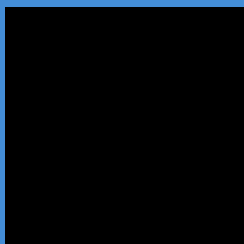
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

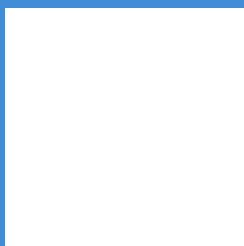
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1054, 25.1493, 67.8738

Background



This preview shows how black text looks on a background with the XYZ color 24.1054, 25.1493, 67.8738.



This preview shows how white text looks on a background with the XYZ color 24.1054, 25.1493,

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

24.1054, 25.1493, 67.8738

Protanopia

26.4641, 24.9686, 63.7462

Deuteranopia

25.8545, 25.1763, 68.4626



Tritanopia

18.2463, 25.0604, 38.9974

Trichromacy



Original Color

24.1054, 25.1493, 67.8738

Protanomaly

25.3196, 24.9742, 65.1140

Deuteranomaly

25.1393, 25.0196, 68.4700

Tritanomaly

19.9358, 24.7786, 48.5318

Monochromacy



Original Color

24.1054, 25.1493, 67.8738

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3350, 22.0090, 35.9773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1054, 25.1493, 67.8738 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(67, 141, 215)` looks like.

```
.text, #text, p{  
    color:rgb(67, 141, 215)  
}
```

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(67, 141, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 141, 215) }
```

Border

The CSS property to change the border of an element to XYZ 24.1054, 25.1493, 67.8738 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(67, 141, 215) }
```


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

```
.border{ border-color:rgb(67, 141, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 141, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 141, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 141, 215);  
box-shadow:4px 4px 4px 4px rgb(67, 141,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1054, 25.1493, 67.8738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 141, 215) }
```

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

```
.background{ background-color: rgb(67, 141,  
215) }
```

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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