

Converting Colors

XYZ(24.6695, 25.1154, 59.0845)

Have a look what the booklet for
XYZ(24.6695, 25.1154, 59.0845)
contains.

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Color

**XYZ(24.7050, 25.2237,
58.8249)**

Conversions

Conversions Part 1

Format	Color
Hex	618BC9
RGB	97, 139, 201
RGB Percent	38%, 55%, 79%
CMY	0.6196, 0.4549, 0.2118
CMYK	0.52, 0.31, 0.00, 0.21
HSL	216°, 49%, 58%
HSV	216°, 52%, 79%
XYZ	24.7050, 25.2237, 58.8249
YIQ	133.5100, -44.9340, 10.3780

Conversions

Conversions Part 2

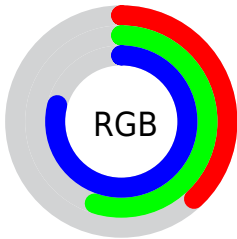
Format	Color
R_{YB}	97, 127, 201
Decimal	6392777
CIE _{Lab}	57.29, 3.18, -36.52
CIE _{LCh}	57, 36.662, 274.972
Yxy	25.2237, 0.2272, 0.2319
Android (android.graphics.Color)	4284582857 (0xFF618BC9)
YUV	133.5100, 33.2726, -32.0193
Hunter-Lab	50.2232, -0.0857, -34.2883

Details

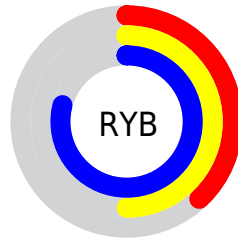
The XYZ color **24.7050, 25.2237, 58.8249** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **38.6442, 38.0782, 16.6235**, and the grayscale version is **22.3752, 23.5405, 25.6356**.

A 20% lighter version of the original color is **50.0365, 51.6916, 101.9480**, and **9.6018, 9.6447, 28.9593** is the 20% darker color. If you saturate the color by 10%, you get **21.1874, 20.9746, 58.1906**, and if you desaturate by 10%, it is **28.9571, 30.1347, 59.5492**.

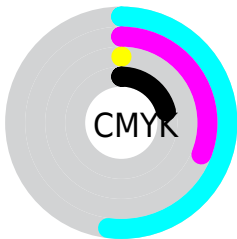
Distribution



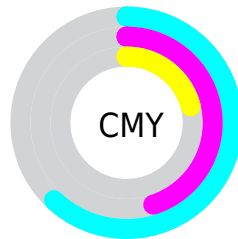
- Red (38%)
- Green (55%)
- Blue (79%)



- Red (38%)
- Yellow (50%)
- Blue (79%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7050, 25.2237, 58.8249 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 24.7050, 25.2237, 58.8249 by changing the saturation by 10% instead.

■ 24.7050, 25.2237,
58.8249

■ 24.7050, 25.2237,
58.8249

268.7404,
278.9502, 437.9365

■ 15.9850, 16.2438,
42.0531

■ 50.6246, 52.0199,
104.6497

■ 9.6043, 9.6968,
28.8170

■ 68.5549, 70.6050,
134.5399

■ 5.1976, 5.1984,
18.6980

■ 90.2859, 93.1606,
169.6399

■ 2.3996, 2.3641,
11.2777

■ 116.1831,
120.0711, 210.3682

■ 0.8449, 0.8074,
6.1374

146.6118,
151.7209, 257.1436

■ 0.0000, 0.0000,
2.8587

181.9374,

■ 0.0000, 0.0000,

188.4944, 310.3843

1.0229

222.5251,
230.7761, 370.5091

■ 0.0000, 0.0000,
0.0000

■ 24.7050, 25.2237,
58.8249

■ 24.7050, 25.2237,
58.8249

■ 21.1874, 20.9746,
58.1906

■ 28.9571, 30.1347,
59.5492

■ 18.3538, 17.3510,
57.6405

■ 33.9844, 35.7358,
60.3654

■ 16.1507, 14.3161,
57.1709

■ 39.8273, 42.0567,
61.2775

■ 14.5140, 11.8269,
56.7767

■ 46.5229, 49.1244,
62.2888

■ 13.4979, 10.1275,
56.5022

■ 54.1054, 56.9643,
63.4024

■ 62.6076, 65.6004,
64.6212

■ 72.0600, 75.0559,
65.9481

■ 81.4526, 84.8168,
67.3371

■ 84.9971, 91.9060,
68.5186

Harmonies

Analogous

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



20.6137, 25.2237, 55.3167



24.7050, 25.2237, 58.8249



29.0837, 25.2237, 52.0782

Triad

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



24.7050, 25.2237, 58.8249



31.4850, 25.2237, 15.9152



17.1789, 25.2237, 18.5417

Complementary

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



24.7050, 25.2237, 58.8249



38.6442, 38.0782, 16.6235

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.



19.5015, 25.2237, 12.1641



24.7050, 25.2237, 58.8249



27.6818, 25.2237, 10.9997

Square

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



24.7050, 25.2237, 58.8249



33.2880, 25.2237, 25.4444



23.2583, 25.2237, 9.8700



16.5834, 25.2237, 29.5884

Rectangle

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



24.7050, 25.2237, 58.8249



31.4793, 25.2237, 43.5966



23.2583, 25.2237, 9.8700



17.7685, 25.2237, 15.9017

Sweetspot

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



24.7059, 25.2246, 58.8255



74.3254, 78.5172, 105.8457



31.9602, 46.7725, 39.5421



15.4002, 16.2684, 22.5784



0.0000, 0.0000, 0.0000



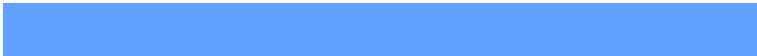
20.3446, 21.4041, 23.3091

Same Dimension

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



24.7059, 25.2246, 58.8255



35.6698, 35.1572, 99.5138



20.7227, 15.8114, 57.2185



10.4024, 10.9789, 13.4884



8.5715, 6.5370, 35.5544



0.4766, 0.4510, 1.7071

Inverse Universe

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



33.0231, 22.8320, 27.0935



51.9162, 32.3552, 37.1101



44.8677, 53.8870, 19.3469



10.8084, 10.7067, 11.9743



16.1259, 8.1999, 5.8726



0.7993, 0.4025, 0.4660

Previews

White Background



This preview shows how the XYZ color 24.7050, 25.2237, 58.8249 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 24.7050, 25.2237, 58.8249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

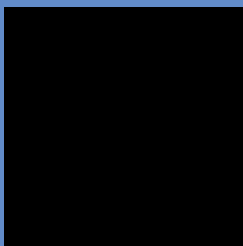
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

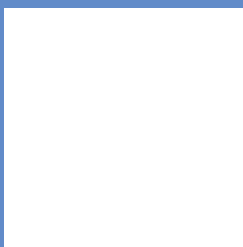
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7050, 25.2237, 58.8249

Background



This preview shows how black text looks on a background with the XYZ color 24.7050, 25.2237, 58.8249.

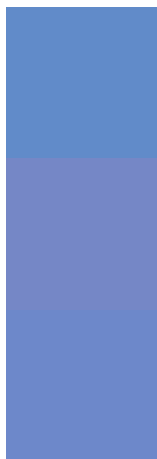


This preview shows how white text looks on a background with the XYZ color 24.7050, 25.2237,

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

24.7050, 25.2237, 58.8249

Protanopia

26.1931, 25.1871, 56.9071

Deuteranopia

25.7715, 25.1238, 59.3682



Tritanopia

20.2590, 25.2096, 36.5991

Trichromacy



Original Color

24.7050, 25.2237, 58.8249

Protanomaly

25.5434, 25.0468, 57.5211

Deuteranomaly

25.4320, 25.1588, 59.3928

Tritanomaly

21.6377, 25.0772, 43.7444

Monochromacy



Original Color

24.7050, 25.2237, 58.8249

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8609, 24.1419, 35.8027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7050, 25.2237, 58.8249 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(97, 139, 201)` looks like.

```
.text, #text, p{  
    color:rgb(97, 139, 201)  
}
```

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(97, 139, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 139, 201) }
```

Border

The CSS property to change the border of an element to XYZ 24.7050, 25.2237, 58.8249 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(97, 139, 201) }
```


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

```
.border{ border-color:rgb(97, 139, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 139, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 139, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 139, 201);  
box-shadow:4px 4px 4px 4px rgb(97, 139,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7050, 25.2237, 58.8249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 139, 201) }
```

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

```
.background{ background-color: rgb(97, 139,  
201) }
```

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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