

Converting Colors

XYZ(25.2575, 25.6945, 60.7559)

Have a look what the booklet for
XYZ(25.2575, 25.6945, 60.7559)
contains.

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Color

**XYZ(25.2069, 25.6572,
60.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	618CCC
RGB	97, 140, 204
RGB Percent	38%, 55%, 80%
CMY	0.6196, 0.4510, 0.2000
CMYK	0.52, 0.31, 0.00, 0.20
HSL	216°, 51%, 59%
HSV	216°, 52%, 80%
XYZ	25.2069, 25.6572, 60.7505
YIQ	134.4390, -46.1720, 10.7880

Conversions

Conversions Part 2

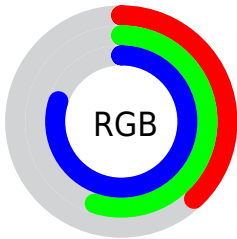
Format	Color
R_{YB}	97, 128, 204
Decimal	6393036
CIE _{Lab}	57.71, 3.52, -37.56
CIE _{LCh}	58, 37.728, 275.360
Yxy	25.6572, 0.2258, 0.2299
Android (android.graphics.Color)	4284583116 (0xFF618CCC)
YUV	134.4390, 34.2936, -32.8340
Hunter-Lab	50.6529, 0.1860, -35.6523

Details

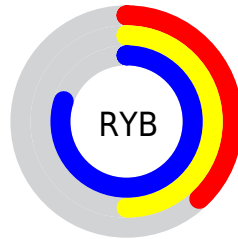
The XYZ color **25.2069, 25.6572, 60.7505** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **39.8054, 39.1915, 16.7771**, and the grayscale version is **22.7122, 23.8950, 26.0216**.

A 20% lighter version of the original color is **50.2568, 52.1322, 102.0215**, and **9.8085, 9.8573, 29.8195** is the 20% darker color. If you saturate the color by 10%, you get **21.6210, 21.3073, 60.1004**, and if you desaturate by 10%, it is **29.5512, 30.6925, 61.4939**.

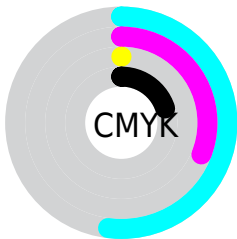
Distribution



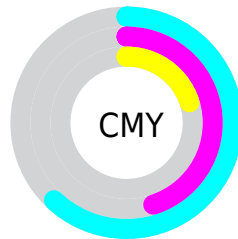
- Red (38%)
- Green (55%)
- Blue (80%)



- Red (38%)
- Yellow (50%)
- Blue (80%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



- Cyan (62%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2069, 25.6572, 60.7505 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 25.2069, 25.6572, 60.7505 by changing the saturation by 10% instead.

■ 25.2069, 25.6572,
60.7505

■ 25.2069, 25.6572,
60.7505

271.1954,
281.0952, 445.2398

■ 16.3608, 16.5674,
43.5946

■ 51.4332, 52.7214,
107.4716

■ 9.8723, 9.9265,
30.0171

■ 69.5440, 71.4646,
137.8739

■ 5.3760, 5.3503,
19.5994

■ 91.4739, 94.1943,
173.5287

■ 2.5065, 2.4542,
11.9230

■ 117.5881,
121.2950, 214.8546

■ 0.8985, 0.8536,
6.5694

148.2520,
153.1510, 262.2701

■ 0.0000, 0.0000,
3.1199

183.8310,

■ 0.0000, 0.0000,

190.1468, 316.1938

1.1562

224.6903,
232.6667, 377.0442

■ 0.0000, 0.0000,
0.0000

■ 25.2069, 25.6572,
60.7505

■ 25.2069, 25.6572,
60.7505

■ 21.6210, 21.3073,
60.1004

■ 29.5512, 30.6925,
61.4939

■ 18.7407, 17.6046,
59.5375

■ 34.6964, 36.4429,
62.3327

■ 16.5096, 14.5107,
59.0579

■ 40.6850, 42.9394,
63.2710

■ 14.8605, 11.9800,
58.6564

■ 47.5552, 50.2101,
64.3123

■ 13.9150, 10.3912,
58.3995

■ 55.3433, 58.2816,
65.4598

■ 64.0829, 67.1792,
66.7166

■ 73.8062, 76.9269,
68.0856

■ 82.6028, 86.5470,
69.4788

■ 86.2692, 93.8796,
70.7009

Harmonies

Analogous

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



20.9408, 25.6572, 57.2019



25.2069, 25.6572, 60.7505



29.7672, 25.6572, 53.5357

Triad

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



25.2069, 25.6572, 60.7505



32.1795, 25.6572, 15.8700



17.3117, 25.6572, 18.7942

Complementary

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



25.2069, 25.6572, 60.7505



39.8054, 39.1915, 16.7771

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.



19.6965, 25.6572, 12.1618



25.2069, 25.6572, 60.7505



28.1906, 25.6572, 10.8751

Square

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



25.2069, 25.6572, 60.7505



34.0987, 25.6572, 25.6762



23.5839, 25.6572, 9.7653



16.7193, 25.6572, 30.3253

Rectangle

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



25.2069, 25.6572, 60.7505



32.2548, 25.6572, 44.5994



23.5839, 25.6572, 9.7653



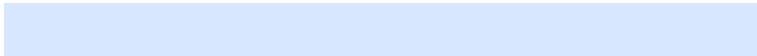
17.9145, 25.6572, 16.0462

Sweetspot

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



25.2078, 25.6581, 60.7511



74.3029, 78.4721, 105.8382



32.8177, 48.2455, 40.5745



15.3948, 16.2577, 22.5766



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.



25.2078, 25.6581, 60.7511



35.0846, 34.3832, 99.3952



21.1088, 15.9692, 59.0970



10.9656, 11.5717, 14.2260



8.8440, 6.7119, 36.7857



0.5300, 0.4938, 1.9223

Inverse Universe

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



33.9110, 23.2812, 27.5182



51.5240, 31.8278, 36.1873



46.2784, 55.6626, 19.6152



11.3960, 11.2871, 12.6200



16.6749, 8.4806, 6.0069



0.8975, 0.4524, 0.5060

Previews

White Background



This preview shows how the XYZ color 25.2069, 25.6572, 60.7505 looks on a white background.

Color Contrast Check

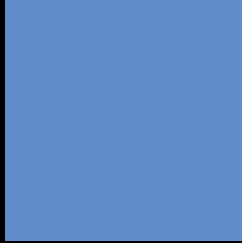
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2069, 25.6572, 60.7505 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 25.2069, 25.6572, 60.7505

Background



This preview shows how black text looks on a background with the XYZ color 25.2069, 25.6572, 60.7505.

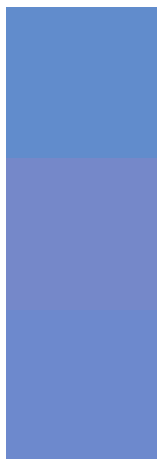


This preview shows how white text looks on a background with the XYZ color 25.2069, 25.6572,

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

25.2069, 25.6572, 60.7505

Protanopia

26.6829, 25.6073, 58.7947

Deuteranopia

26.2718, 25.5503, 61.3046



Tritanopia

20.4147, 25.5117, 37.1060

Trichromacy



Original Color

25.2069, 25.6572, 60.7505

Protanomaly

26.0367, 25.4706, 59.4211

Deuteranomaly

25.9336, 25.5880, 61.3297

Tritanomaly

21.8924, 25.4116, 44.8254

Monochromacy



Original Color

25.2069, 25.6572, 60.7505

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9473, 24.1765, 36.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2069, 25.6572, 60.7505 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, 140, 204)` looks like.

```
.text, #text, p{  
    color:rgb(97, 140, 204)  
}
```

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, 140, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 140, 204) }
```

Border

The CSS property to change the border of an element to XYZ 25.2069, 25.6572, 60.7505 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, 140, 204) }
```


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

```
.border{ border-color:rgb(97, 140, 204) }
```

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

Here you see how a box with a 4 pixel rgb(97, 140, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 140, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 140, 204);  
box-shadow:4px 4px 4px 4px rgb(97, 140,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2069, 25.6572, 60.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 140, 204) }
```

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

```
.background{ background-color: rgb(97, 140,  
204) }
```

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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