

Converting Colors

XYZ(25.6116, 25.0081, 59.9604)

Have a look what the booklet for
XYZ(25.6116, 25.0081, 59.9604)
contains.

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Color

**XYZ(25.6471, 25.0459,
59.9825)**

Conversions

Conversions Part 1

Format	Color
Hex	6B88CB
RGB	107, 136, 203
RGB Percent	42%, 53%, 80%
CMY	0.5804, 0.4667, 0.2039
CMYK	0.47, 0.33, 0.00, 0.20
HSL	222°, 48%, 61%
HSV	222°, 47%, 80%
XYZ	25.6471, 25.0459, 59.9825
YIQ	134.9670, -38.7910, 14.6890

Conversions

Conversions Part 2

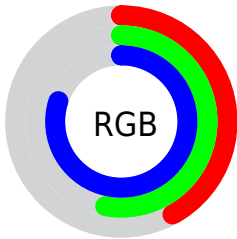
Format	Color
R_{YB}	107, 129, 203
Decimal	7047371
CIE Lab	57.12, 7.93, -37.88
CIE LCh	57, 38.704, 281.818
Yxy	25.0459, 0.2317, 0.2263
Android (android.graphics.Color)	4285237451 (0xFF6B88CB)
YUV	134.9670, 33.5403, -24.5271
Hunter-Lab	50.0459, 3.8959, -36.0299

Details

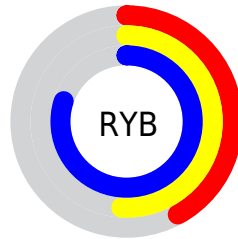
The XYZ color **25.6471, 25.0459, 59.9825** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **42.4197, 44.0318, 20.1745**, and the grayscale version is **22.9076, 24.1006, 26.2456**.

A 20% lighter version of the original color is **51.3519, 51.4017, 101.8227**, and **10.1187, 9.6583, 29.3479** is the 20% darker color. If you saturate the color by 10%, you get **21.6217, 20.2022, 59.2602**, and if you desaturate by 10%, it is **30.5110, 30.7143, 60.8207**.

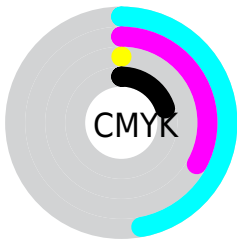
Distribution



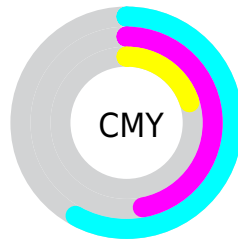
- Red (42%)
- Green (53%)
- Blue (80%)



- Red (42%)
- Yellow (51%)
- Blue (80%)



- Cyan (47%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6471, 25.0459, 59.9825 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 25.6471, 25.0459, 59.9825 by changing the saturation by 10% instead.

■ 25.6471, 25.0459,
59.9825

■ 25.6471, 25.0459,
59.9825

273.3340,
278.0665, 442.3361

■ 16.6911, 16.1113,
42.9793

■ 52.1405, 51.7317,
106.3474

■ 10.1084, 9.6029,
29.5376

■ 70.4085, 70.2516,
136.5462

■ 5.5337, 5.1365,
19.2388

■ 92.5113, 92.7354,
171.9806

■ 2.6016, 2.3276,
11.6644

■ 118.8143,
119.5675, 213.0692

■ 0.9468, 0.7882,
6.3959

149.6826,
151.1322, 260.2306

■ 0.0000, 0.0000,
3.0146

185.4818,

■ 0.0000, 0.0000,

187.8140, 313.8831

1.1021

226.5771,
229.9973, 374.4454

■ 0.0000, 0.0000,
0.0000

■ 25.6471, 25.0459,
59.9825

■ 25.6471, 25.0459,
59.9825

■ 21.6217, 20.2022,
59.2602

■ 30.5110, 30.7143,
60.8207

■ 18.3811, 16.1389,
58.6467

■ 36.2571, 37.2431,
61.7781

■ 15.8692, 12.8114,
58.1368

■ 42.9292, 44.6689,
62.8597

■ 14.0204, 10.1685,
57.7241

■ 50.5673, 53.0254,
64.0701

■ 12.7481, 8.1465,
57.4009

■ 59.2090, 62.3445,
65.4134

■ 12.4654, 7.6835,
57.3265

■ 68.8899, 72.6564,
66.8936

■ 79.6437, 83.9901,
68.5144

■ 86.0026, 93.5379,
70.0222

■ 87.7796, 97.0918,
70.6145

Harmonies

Analogous

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



21.1724, 25.0459, 58.7703



25.6471, 25.0459, 59.9825



30.1448, 25.0459, 50.5987

Triad

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



25.6471, 25.0459, 59.9825



30.9578, 25.0459, 13.7179



16.4075, 25.0459, 20.1603

Complementary

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



25.6471, 25.0459, 59.9825



42.4197, 44.0318, 20.1745

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.



18.4235, 25.0459, 12.5083



25.6471, 25.0459, 59.9825



26.6481, 25.0459, 9.6915

Square

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



25.6471, 25.0459, 59.9825



33.4626, 25.0459, 22.4433



22.0540, 25.0459, 9.3340



16.2117, 25.0459, 32.7450

Rectangle

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



25.6471, 25.0459, 59.9825



32.4027, 25.0459, 40.9356



22.0540, 25.0459, 9.3340



16.8816, 25.0459, 17.0456

Sweetspot

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



25.6480, 25.0468, 59.9831



75.6739, 78.9669, 105.8614



34.9245, 48.8401, 46.9200



15.6219, 16.2695, 22.5669



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.



25.6480, 25.0468, 59.9831



35.9193, 33.4772, 99.1763



24.4376, 19.1585, 58.9103



10.8735, 11.3873, 14.1953



8.0035, 5.0310, 36.5055



0.4800, 0.3938, 1.9057

Inverse Universe

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



34.3311, 24.9907, 26.3075



52.5740, 34.6548, 34.2961



44.1148, 54.1382, 22.0359



11.3495, 11.2685, 12.3750



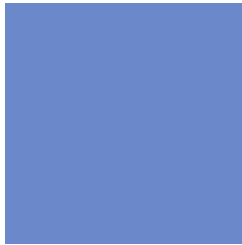
16.2507, 8.3109, 3.7729



0.8722, 0.4423, 0.3731

Previews

White Background



This preview shows how the XYZ color 25.6471, 25.0459, 59.9825 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 25.6471, 25.0459, 59.9825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

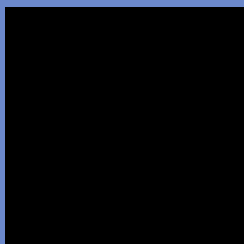
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

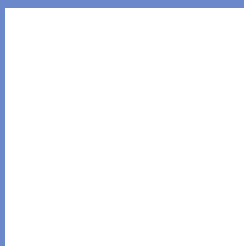
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6471, 25.0459, 59.9825

Background



This preview shows how black text looks on a background with the XYZ color 25.6471, 25.0459, 59.9825.

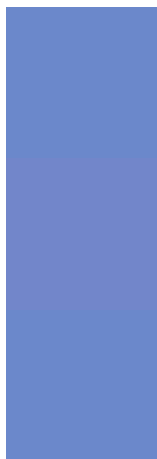


This preview shows how white text looks on a background with the XYZ color 25.6471, 25.0459,

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

25.6471, 25.0459, 59.9825

Protanopia

26.1252, 24.8919, 59.3048

Deuteranopia

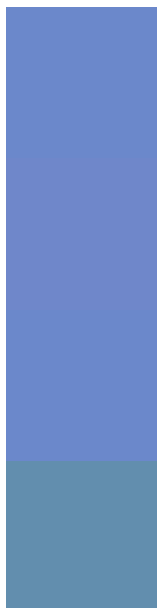
25.6471, 25.0459, 59.9825



Tritanopia

20.7254, 25.0123, 35.6338

Trichromacy



Original Color

25.6471, 25.0459, 59.9825

Protanomaly

25.8802, 24.9717, 59.3331

Deuteranomaly

25.6471, 25.0459, 59.9825

Tritanomaly

22.3500, 24.9987, 43.6917

Monochromacy



Original Color

25.6471, 25.0459, 59.9825

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4666, 24.2260, 36.6970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6471, 25.0459, 59.9825 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(107, 136, 203)` looks like.

```
.text, #text, p{  
    color:rgb(107, 136, 203)  
}
```

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(107, 136, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 136, 203) }
```

Border

The CSS property to change the border of an element to XYZ 25.6471, 25.0459, 59.9825 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(107, 136, 203) }
```


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

```
.border{ border-color:rgb(107, 136, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 136, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 136, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 136, 203);  
box-shadow:4px 4px 4px 4px rgb(107, 136,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6471, 25.0459, 59.9825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 136, 203) }
```

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

```
.background{ background-color: rgb(107,  
136, 203) }
```

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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