

Converting Colors

XYZ(25.7952, 23.6690, 64.8379)

Have a look what the booklet for
XYZ(25.7952, 23.6690, 64.8379)
contains.

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Color

**XYZ(25.7925, 23.5918,
64.8223)**

Conversions

Conversions Part 1

Format	Color
Hex	6C81D3
RGB	108, 129, 211
RGB Percent	42%, 51%, 83%
CMY	0.5765, 0.4941, 0.1725
CMYK	0.49, 0.39, 0.00, 0.17
HSL	228°, 54%, 63%
HSV	228°, 49%, 83%
XYZ	25.7925, 23.5918, 64.8223
YIQ	132.0690, -38.8380, 21.0500

Conversions

Conversions Part 2

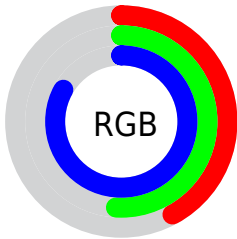
Format	Color
RYB	108, 125, 211
Decimal	7111123
CIELab	55.68, 14.76, -44.67
CIELCh	56, 47.043, 288.283
Yxy	23.5918, 0.2258, 0.2066
Android (android.graphics.Color)	4285301203 (0xFF6C81D3)
YUV	132.0690, 38.9130, -21.1085
Hunter-Lab	48.5714, 9.7876, -45.1271

Details

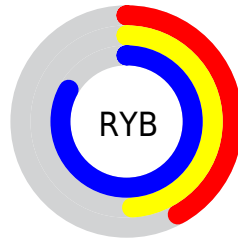
The XYZ color **25.7925, 23.5918, 64.8223** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **47.9856, 51.7605, 21.6504**, and the grayscale version is **21.8320, 22.9690, 25.0132**.

A 20% lighter version of the original color is **50.0878, 48.5684, 101.3425**, and **10.1848, 8.8157, 32.6173** is the 20% darker color. If you saturate the color by 10%, you get **21.4962, 18.3581, 64.0390**, and if you desaturate by 10%, it is **31.0753, 29.8748, 65.7571**.

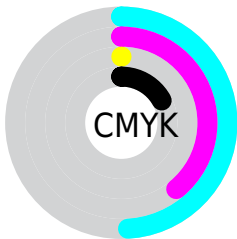
Distribution



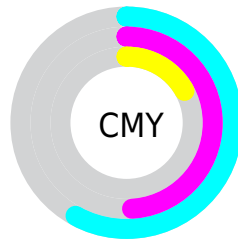
- Red (42%)
- Green (51%)
- Blue (83%)



- Red (42%)
- Yellow (49%)
- Blue (83%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7925, 23.5918, 64.8223 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 25.7925, 23.5918, 64.8223 by changing the saturation by 10% instead.

■ 25.7925, 23.5918,
64.8223

■ 25.7925, 23.5918,
64.8223

274.0374,
270.7502, 460.4418

■ 16.8003, 15.0311,
46.8666

■ 52.3737, 49.3633,
113.4052

■ 10.1867, 8.8412,
32.5766

■ 70.6934, 67.3428,
144.8694

■ 5.5861, 4.6378,
21.5338

■ 92.8531, 89.2307,
181.6735

■ 2.6333, 2.0363,
13.3197

119.2180,
115.4115, 224.2361

■ 0.9630, 0.6285,
7.5158

150.1535,
146.2694, 272.9757

■ 0.0000, 0.0000,
3.7034

186.0251,

■ 0.0000, 0.0000,

182.1889, 328.3108

1.4641

227.1979,
223.5544, 390.6600

■ 0.0000, 0.0000,
0.1910

■ 0.0000, 0.0000,
0.0000

■ 25.7925, 23.5918,
64.8223

■ 25.7925, 23.5918,
64.8223

■ 21.4962, 18.3581,
64.0390

■ 31.0753, 29.8748,
65.7571

■ 18.1204, 14.1122,
63.3974

■ 37.3995, 37.2589,
66.8490

■ 15.5949, 10.7897,
62.8892

■ 44.8190, 45.7952,
68.1057

■ 13.8375, 8.3169,
62.5045

■ 53.3832, 55.5311,
69.5335

■ 12.7280, 6.5968,
62.2310

■ 63.1383, 66.5109,
71.1387

■ 12.6224, 6.4320,
62.2047

■ 74.1281, 78.7770,
72.9270

■ 86.1341, 92.2355,
74.8920

■ 88.7580, 97.4832,
75.7666

Harmonies

Analogous

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



20.4068, 23.5918, 66.4474



25.7925, 23.5918, 64.8223



30.9709, 23.5918, 50.5710

Triad

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



25.7925, 23.5918, 64.8223



29.9535, 23.5918, 9.4233



13.8149, 23.5918, 20.1788

Complementary

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



25.7925, 23.5918, 64.8223



47.9856, 51.7605, 21.6504

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.



15.6137, 23.5918, 10.6938



25.7925, 23.5918, 64.8223



24.5684, 23.5918, 6.3399

Square

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



25.7925, 23.5918, 64.8223



33.6230, 23.5918, 17.5401



19.3611, 23.5918, 6.6882



14.0359, 23.5918, 36.0327

Rectangle

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



25.7925, 23.5918, 64.8223



33.3487, 23.5918, 38.1429



19.3611, 23.5918, 6.6882



14.1901, 23.5918, 16.2899

Sweetspot

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



25.7934, 23.5926, 64.8229



73.3941, 75.5396, 105.3201



38.6305, 53.4378, 56.2435



15.1295, 15.5076, 22.4458



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.



25.7934, 23.5926, 64.8229



32.5178, 27.5857, 98.2184



27.4683, 20.7636, 64.1885



11.3561, 11.8025, 14.9232



7.6768, 4.0002, 37.5600



0.4870, 0.3393, 2.1194

Inverse Universe

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



36.1898, 26.1602, 23.9115



50.6346, 33.0272, 26.7094



45.2501, 57.5947, 22.9207



11.9059, 11.8471, 12.7803



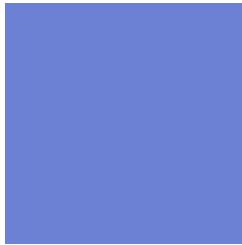
16.5056, 8.4751, 2.3028



0.9521, 0.4855, 0.2824

Previews

White Background



This preview shows how the XYZ color 25.7925, 23.5918, 64.8223 looks on a white background.

Color Contrast Check

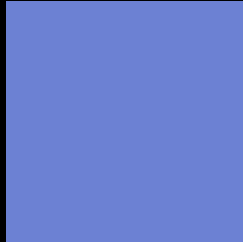
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7925, 23.5918, 64.8223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

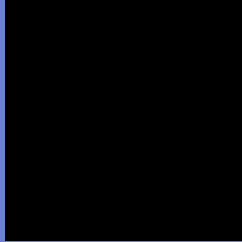
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7925, 23.5918, 64.8223

Background



This preview shows how black text looks on a background with the XYZ color 25.7925, 23.5918, 64.8223.

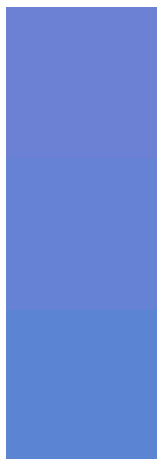


This preview shows how white text looks on a background with the XYZ color 25.7925, 23.5918,

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

25.7925, 23.5918, 64.8223

Protanopia

25.3458, 23.5435, 65.4958

Deuteranopia

24.3348, 23.6523, 64.2555



Tritanopia

19.4911, 23.5233, 33.6502

Trichromacy



Original Color

25.7925, 23.5918, 64.8223

Protanomaly

25.5752, 23.6618, 65.5066

Deuteranomaly

24.8139, 23.6971, 64.2389

Tritanomaly

21.5154, 23.4887, 43.4442

Monochromacy



Original Color

25.7925, 23.5918, 64.8223

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7177, 23.0168, 36.9635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7925, 23.5918, 64.8223 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(108, 129, 211)` looks like.

```
.text, #text, p{  
    color:rgb(108, 129, 211)  
}
```

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(108, 129, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 129, 211) }
```

Border

The CSS property to change the border of an element to XYZ 25.7925, 23.5918, 64.8223 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(108, 129, 211) }
```


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

```
.border{ border-color:rgb(108, 129, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 129, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 129, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 129, 211);  
box-shadow:4px 4px 4px 4px rgb(108, 129,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7925, 23.5918, 64.8223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 129, 211) }
```

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

```
.background{ background-color: rgb(108,  
129, 211) }
```

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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