

Converting Colors

XYZ(25.7057, 28.0301, 50.5943)

Have a look what the booklet for
XYZ(25.7057, 28.0301, 50.5943)
contains.

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Color

**XYZ(25.6372, 27.9131,
50.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	6C94BA
RGB	108, 148, 186
RGB Percent	42%, 58%, 73%
CMY	0.5765, 0.4196, 0.2706
CMYK	0.42, 0.20, 0.00, 0.27
HSL	209°, 36%, 58%
HSV	209°, 42%, 73%
XYZ	25.6372, 27.9131, 50.4909
YIQ	140.3720, -36.0380, 3.3380

Conversions

Conversions Part 2

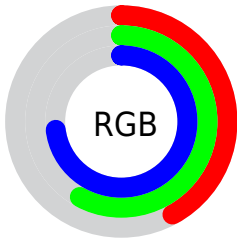
Format	Color
R _Y B	108, 134, 186
Decimal	7115962
CIE Lab	59.81, -3.71, -24.10
CIE LCh	60, 24.380, 261.248
Yxy	27.9131, 0.2464, 0.2683
Android (android.graphics.Color)	4285306042 (0xFF6C94BA)
YUV	140.3720, 22.4946, -28.3902
Hunter-Lab	52.8328, -5.8402, -19.6788

Details

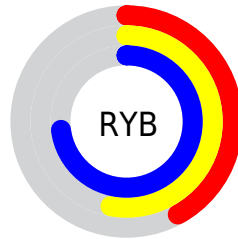
The XYZ color **25.6372, 27.9131, 50.4909** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **33.2361, 32.0805, 18.6289**, and the grayscale version is **24.9979, 26.2998, 28.6405**.

A 20% lighter version of the original color is **52.0478, 56.3332, 92.1346**, and **10.1769, 11.2410, 23.8237** is the 20% darker color. If you saturate the color by 10%, you get **22.2458, 24.1372, 49.9413**, and if you desaturate by 10%, it is **29.6243, 32.1625, 51.1015**.

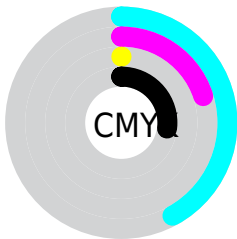
Distribution



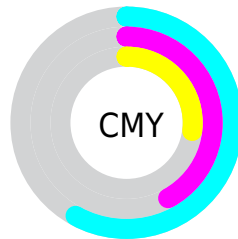
- Red (42%)
- Green (58%)
- Blue (73%)



- Red (42%)
- Yellow (53%)
- Blue (73%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6372, 27.9131, 50.4909 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 25.6372, 27.9131, 50.4909 by changing the saturation by 10% instead.

■ 25.6372, 27.9131,
50.4909

■ 25.6372, 27.9131,
50.4909

273.2860,
292.0514, 405.3725

■ 16.6837, 18.2602,
35.4297

■ 52.1246, 56.3457,
92.3056

■ 10.1031, 11.1369,
23.7079

■ 70.3891, 75.8941,
119.8961

■ 5.5302, 6.1590,
14.9069

■ 92.4881, 99.5098,
152.5002

■ 2.5995, 2.9420,
8.6082

■ 118.7867,
127.5772, 190.5364

■ 0.9457, 1.1015,
4.3932

149.6505,
160.4807, 234.4231

■ 0.0000, 0.0000,
1.8434

185.4448,

■ 0.0000, 0.0000,

198.6046, 284.5790

0.4564

226.5348,
242.3334, 341.4227

■ 0.0000, 0.0000,
0.0000

■ 25.6372, 27.9131,
50.4909

■ 25.6372, 27.9131,
50.4909

■ 22.2458, 24.1372,
49.9413

■ 29.6243, 32.1625,
51.1015

■ 19.4138, 20.8106,
49.4485

■ 34.2351, 36.9016,
51.7732

■ 17.1049, 17.9112,
49.0105

■ 39.4989, 42.1497,
52.5088

■ 15.2770, 15.4132,
48.6247

■ 45.4422, 47.9240,
53.3101

■ 13.8800, 13.2866,
48.2879

■ 52.0902, 54.2406,
54.1789

■ 12.9900, 11.7992,
48.0477

■ 59.4665, 61.1150,
55.1170

■ 67.5937, 68.5619,
56.1261

■ 75.8263, 76.2518,
57.1765

■ 78.2766, 81.1523,
57.9932

Harmonies

Analogous

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



22.9843, 27.9131, 45.6786



25.6372, 27.9131, 50.4909



28.7414, 27.9131, 49.1589

Triad

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



25.6372, 27.9131, 50.4909



32.4591, 27.9131, 24.6364



22.1637, 27.9131, 20.9416

Complementary

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



25.6372, 27.9131, 50.4909



33.2361, 32.0805, 18.6289

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.



24.4361, 27.9131, 17.1376



25.6372, 27.9131, 50.4909



30.4240, 27.9131, 18.9652

Square

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



25.6372, 27.9131, 50.4909



32.8432, 27.9131, 33.0546



27.4444, 27.9131, 16.4920



21.0835, 27.9131, 27.8776

Rectangle

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



25.6372, 27.9131, 50.4909



30.6416, 27.9131, 45.0567



27.4444, 27.9131, 16.4920



22.8047, 27.9131, 19.3151

Sweetspot

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



25.6381, 27.9142, 50.4916



70.3029, 75.1265, 94.9969



28.9091, 40.3726, 33.3420



14.9995, 16.0666, 20.8532



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.6381, 27.9142, 50.4916



40.9504, 44.4661, 90.6259



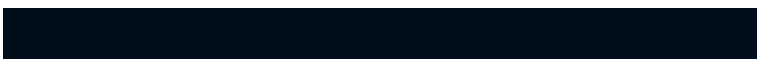
20.5489, 17.7358, 48.7952



8.8917, 9.4606, 11.4369



8.8145, 8.0887, 32.3498



0.3725, 0.4086, 1.1610

Inverse Universe

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



30.9584, 23.3034, 30.8843



52.1287, 36.0556, 49.1430



40.2434, 46.0949, 20.9646



9.1917, 9.0870, 10.3567



15.0628, 7.5989, 8.2176



0.5622, 0.2803, 0.4538

Previews

White Background



This preview shows how the XYZ color 25.6372, 27.9131, 50.4909 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 25.6372, 27.9131, 50.4909 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

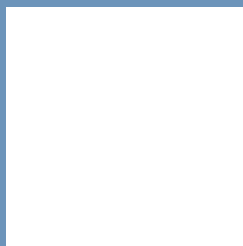
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6372, 27.9131, 50.4909

Background



This preview shows how black text looks on a background with the XYZ color 25.6372, 27.9131, 50.4909.



This preview shows how white text looks on a background with the XYZ color 25.6372, 27.9131,

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

25.6372, 27.9131, 50.4909

Protanopia

27.9480, 27.7917, 48.1473

Deuteranopia

28.3260, 27.7059, 50.8685



Tritanopia

23.4086, 27.9616, 39.2853

Trichromacy



Original Color

25.6372, 27.9131, 50.4909

Protanomaly

26.9779, 27.7254, 48.7294

Deuteranomaly

27.4003, 27.8943, 50.9537

Tritanomaly

24.2219, 28.0548, 43.1682

Monochromacy



Original Color

25.6372, 27.9131, 50.4909

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8104, 26.6684, 35.7382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6372, 27.9131, 50.4909 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, 148, 186)` looks like.

```
.text, #text, p{  
    color:rgb(108, 148, 186)  
}
```

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, 148, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 148, 186) }
```

Border

The CSS property to change the border of an element to XYZ 25.6372, 27.9131, 50.4909 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, 148, 186) }
```


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

```
.border{ border-color:rgb(108, 148, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 148, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 148, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 148, 186);  
box-shadow:4px 4px 4px 4px rgb(108, 148,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6372, 27.9131, 50.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 148, 186) }
```

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

```
.background{ background-color: rgb(108,  
148, 186) }
```

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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