

Converting Colors

XYZ(27.6008, 29.7146, 57.1167)

Have a look what the booklet for
XYZ(27.6008, 29.7146, 57.1167)
contains.

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Color

**XYZ(27.6130, 29.7389,
57.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	6D98C5
RGB	109, 152, 197
RGB Percent	43%, 60%, 77%
CMY	0.5725, 0.4039, 0.2274
CMYK	0.45, 0.23, 0.00, 0.23
HSL	211°, 43%, 60%
HSV	211°, 45%, 77%
XYZ	27.6130, 29.7389, 57.1081
YIQ	144.2730, -40.0730, 4.8790

Conversions

Conversions Part 2

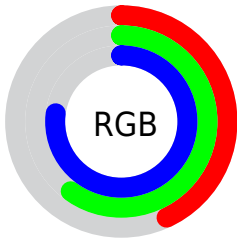
Format	Color
R _{YB}	109, 138, 197
Decimal	7182533
CIE _{Lab}	61.43, -2.59, -27.79
CIE _{LCh}	61, 27.914, 264.677
Yxy	29.7389, 0.2412, 0.2598
Android (android.graphics.Color)	4285372613 (0xFF6D98C5)
YUV	144.2730, 25.9944, -30.9344
Hunter-Lab	54.5334, -5.0499, -23.9159

Details

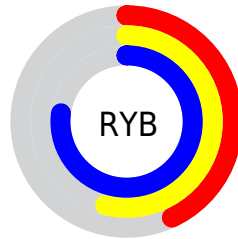
The XYZ color **27.6130, 29.7389, 57.1081** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.3428, 36.0868, 19.4665**, and the grayscale version is **26.5302, 27.9118, 30.3960**.

A 20% lighter version of the original color is **55.2705, 59.1909, 102.2778**, and **11.1329, 12.0748, 27.7305** is the 20% darker color. If you saturate the color by 10%, you get **23.8896, 25.4949, 56.4857**, and if you desaturate by 10%, it is **32.0204, 34.5429, 57.8036**.

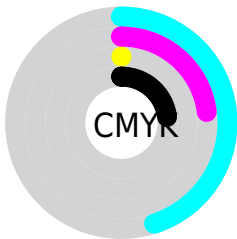
Distribution



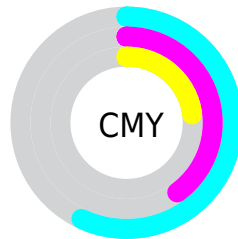
- Red (43%)
- Green (60%)
- Blue (77%)



- Red (43%)
- Yellow (54%)
- Blue (77%)



- Cyan (45%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (57%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6130, 29.7389, 57.1081 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 27.6130, 29.7389, 57.1081 by changing the saturation by 10% instead.

■ 27.6130, 29.7389,
57.1081

■ 27.6130, 29.7389,
57.1081

282.7268,
300.6855, 431.3593

■ 18.1731, 19.6405,
40.6821

■ 55.2790, 59.2490,
102.1248

■ 11.1748, 12.1340,
27.7529

■ 74.2357, 79.4295,
131.5526

■ 6.2527, 6.8350,
17.9021

■ 97.0955, 103.7395,
166.1514

■ 3.0414, 3.3591,
10.7110

■ 124.2236,
132.5634, 206.3397

■ 1.1757, 1.3220,
5.7611

155.9854,
166.2855, 252.5361

■ 0.0871, 0.1581,
2.6340

192.7463,

■ 0.0000, 0.0000,

205.2903, 305.1592

0.9099

234.8717,
249.9622, 364.6274

■ 0.0000, 0.0000,
0.0000

■ 27.6130, 29.7389,
57.1081

■ 27.6130, 29.7389,
57.1081

■ 23.8896, 25.4949,
56.4857

■ 32.0204, 34.5429,
57.8036

■ 20.8070, 21.7818,
55.9315

■ 37.1454, 39.9273,
58.5728

■ 18.3214, 18.5722,
55.4430

■ 43.0228, 45.9154,
59.4188

■ 16.3814, 15.8341,
55.0167

■ 49.6843, 52.5283,
60.3441

■ 14.9250, 13.5298,
54.6487

■ 57.1596, 59.7855,
61.3509

■ 14.2849, 12.4447,
54.4730

■ 65.4766, 67.7059,
62.4414

■ 74.6621, 76.3075,
63.6175

■ 80.3423, 83.3396,
64.6755

■ 83.2695, 89.1940,
65.6512

Harmonies

Analogous

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



24.3603, 29.7389, 51.9415



27.6130, 29.7389, 57.1081



31.3316, 29.7389, 54.5669

Triad

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



27.6130, 29.7389, 57.1081



35.2129, 29.7389, 24.6191



22.8651, 29.7389, 21.9989

Complementary

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



27.6130, 29.7389, 57.1081



37.3428, 36.0868, 19.4665

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.



25.4071, 29.7389, 17.2082



27.6130, 29.7389, 57.1081



32.5682, 29.7389, 18.4744

Square

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



27.6130, 29.7389, 57.1081



35.9322, 29.7389, 34.3019



28.9291, 29.7389, 16.0745



21.7759, 29.7389, 30.5324

Rectangle

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



27.6130, 29.7389, 57.1081



33.5516, 29.7389, 49.0784



28.9291, 29.7389, 16.0745



23.5667, 29.7389, 19.9780

Sweetspot

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



27.6140, 29.7400, 57.1088



78.7168, 83.9031, 106.6538



32.0237, 45.4844, 37.2297



16.3081, 17.4158, 22.7520



0.0000, 0.0000, 0.0000



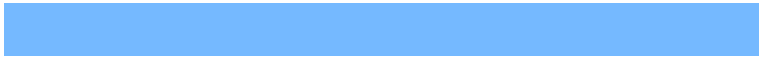
20.3446, 21.4041, 23.3091

Same Dimension

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



27.6140, 29.7400, 57.1088



42.6887, 45.5472, 101.1493



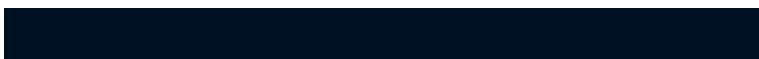
21.8545, 18.2210, 55.1890



10.4774, 11.1288, 13.5133



9.4788, 8.3516, 35.8568



0.5213, 0.5404, 1.7220

Inverse Universe

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



34.1630, 25.0757, 32.7463



56.3495, 37.5379, 49.9451



45.7532, 52.9075, 22.2700



10.8462, 10.7219, 12.1735



16.5838, 8.3831, 8.2841



0.8218, 0.4116, 0.5848

Previews

White Background



This preview shows how the XYZ color 27.6130, 29.7389, 57.1081 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 27.6130, 29.7389, 57.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

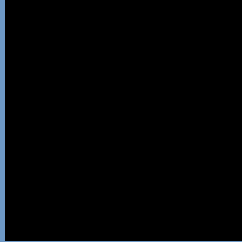
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

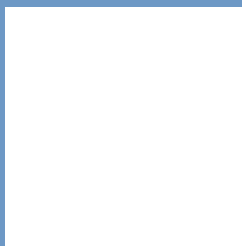
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6130, 29.7389, 57.1081

Background



This preview shows how black text looks on a background with the XYZ color 27.6130, 29.7389, 57.1081.

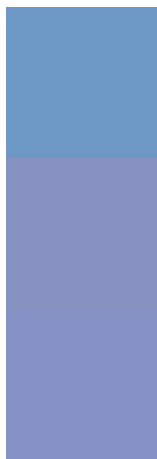


This preview shows how white text looks on a background with the XYZ color 27.6130, 29.7389,

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

27.6130, 29.7389, 57.1081

Protanopia

29.8962, 29.5589, 54.5818

Deuteranopia

30.3034, 29.7033, 57.5622



Tritanopia

24.6795, 29.7829, 42.4781

Trichromacy



Original Color

27.6130, 29.7389, 57.1081

Protanomaly

28.9317, 29.5105, 55.2102

Deuteranomaly

29.2404, 29.6170, 57.6016

Tritanomaly

25.6685, 29.6810, 47.5562

Monochromacy



Original Color

27.6130, 29.7389, 57.1081

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4047, 28.3371, 38.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6130, 29.7389, 57.1081 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(109, 152, 197)` looks like.

```
.text, #text, p{  
    color:rgb(109, 152, 197)  
}
```

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(109, 152, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 152, 197) }
```

Border

The CSS property to change the border of an element to XYZ 27.6130, 29.7389, 57.1081 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(109, 152, 197) }
```


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

```
.border{ border-color:rgb(109, 152, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 152, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 152, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 152, 197); box-shadow:4px 4px 4px 4px rgb(109, 152, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6130, 29.7389, 57.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 152, 197) }
```

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

```
.background{ background-color: rgb(109,  
152, 197) }
```

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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