

Converting Colors

XYZ(27.0696, 18.8491, 61.8860)

Have a look what the booklet for
XYZ(27.0696, 18.8491, 61.8860)
contains.

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Color

**XYZ(27.0696, 18.8491,
61.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	9060D0
RGB	144, 96, 208
RGB Percent	56%, 38%, 82%
CMY	0.4353, 0.6235, 0.1843
CMYK	0.31, 0.54, 0.00, 0.18
HSL	266°, 54%, 60%
HSV	266°, 54%, 82%
XYZ	27.0696, 18.8491, 61.8860
YIQ	123.1200, -7.3440, 45.0080

Conversions

Conversions Part 2

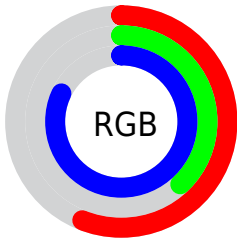
Format	Color
RYB	144, 96, 208
Decimal	9461968
CIELab	50.51, 42.28, -51.00
CIELCh	51, 66.246, 309.664
Yxy	18.8491, 0.2511, 0.1748
Android (android.graphics.Color)	4287652048 (0xFF9060D0)
YUV	123.1200, 41.8458, 18.3118
Hunter-Lab	43.4156, 35.3176, -54.1231

Details

The XYZ color **27.0696, 18.8491, 61.8860** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **39.1647, 53.4302, 19.3158**, and the grayscale version is **18.7350, 19.7107, 21.4650**.

A 20% lighter version of the original color is **52.7273, 40.8173, 99.7072**, and **10.8861, 6.4568, 30.8095** is the 20% darker color. If you saturate the color by 10%, you get **23.4491, 14.5287, 61.2433**, and if you desaturate by 10%, it is **31.4122, 24.2874, 62.7072**.

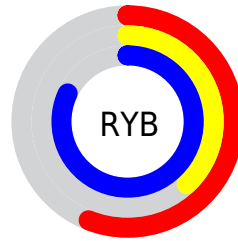
Distribution



Red (56%)

Green (38%)

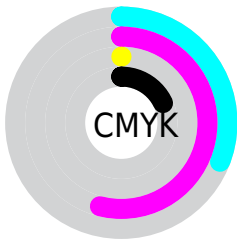
Blue (82%)



Red (56%)

Yellow (38%)

Blue (82%)

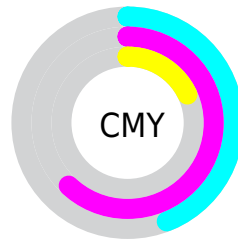


Cyan (31%)

Magenta (54%)

Yellow (0%)

Black (18%)



Cyan (44%)

Magenta (62%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0696, 18.8491, 61.8860 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 27.0696, 18.8491, 61.8860 by changing the saturation by 10% instead.

27.0696, 18.8491,
61.8860

27.0696, 18.8491,
61.8860

280.1554,
245.6144, 449.5113

17.7624, 11.5613,
44.5054

54.4146, 41.4790,
109.1307

10.8782, 6.4457,
30.7279

73.1831, 57.5898,
139.8320

6.0517, 3.1179,
20.1350

95.8361, 77.4104,
175.8105

2.9175, 1.1936,
12.3082

122.7389,
101.3253, 217.4848

1.1103, 0.0565,
6.8288

154.2569,
129.7187, 265.2735

0.0337, 0.0000,
3.2785

190.7553,

0.0000, 0.0000,

162.9751, 319.5952

1.2385

232.5997,
201.4789, 380.8682

■ 0.0000, 0.0000,
0.0106

■ 0.0000, 0.0000,
0.0000

■ 27.0696, 18.8491,
61.8860

■ 27.0696, 18.8491,
61.8860

■ 23.4491, 14.5287,
61.2433

■ 31.4122, 24.2874,
62.7072

■ 20.5011, 11.2397,
60.7638

■ 36.5171, 30.9172,
63.7178

■ 18.1725, 8.8854,
60.4321

■ 42.4240, 38.8078,
64.9295

■ 16.3991, 7.3488,
60.2290

■ 49.1691, 48.0227,
66.3527

15.5190, 6.6851,
60.1473

56.7861, 58.6209,
67.9969

65.3068, 70.6578,
69.8711

74.7614, 84.1858,
71.9840

82.7712, 94.4400,
73.5411

86.9190, 96.5782,
73.7352

Harmonies

Analogous

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



20.0824, 18.8491, 79.3476



27.0696, 18.8491, 61.8860



32.2667, 18.8491, 35.5320

Triad

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



27.0696, 18.8491, 61.8860



22.5875, 18.8491, 1.9757



8.2493, 18.8491, 27.0925

Complementary

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



27.0696, 18.8491, 61.8860



39.1647, 53.4302, 19.3158

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.



8.6110, 18.8491, 10.4781



27.0696, 18.8491, 61.8860



15.9104, 18.8491, 1.6375

Square

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



27.0696, 18.8491, 61.8860



29.2777, 18.8491, 5.1627



11.0999, 18.8491, 3.5141



9.9547, 18.8491, 52.6274

Rectangle

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



27.0696, 18.8491, 61.8860



33.4259, 18.8491, 20.7325



11.0999, 18.8491, 3.5141



8.1448, 18.8491, 20.3158

Sweetspot

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



27.0704, 18.8498, 61.8864



75.3241, 72.5178, 104.6351



29.0128, 32.6479, 64.4474



15.6360, 14.8551, 22.2932



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.



27.0704, 18.8498, 61.8864



36.1979, 21.9097, 96.9289



39.0333, 25.0169, 62.4463



11.6372, 11.6618, 14.8813



9.7781, 4.2211, 37.4919



0.6367, 0.2824, 2.1005

Inverse Universe

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



36.5408, 24.3142, 36.0250



53.4810, 31.9056, 48.6665



30.5326, 48.9802, 18.9118



12.0877, 11.9198, 13.7378



18.3315, 9.2055, 11.9180



1.0643, 0.5304, 0.8735

Previews

White Background



This preview shows how the XYZ color 27.0696, 18.8491, 61.8860 looks on a white background.

Color Contrast Check

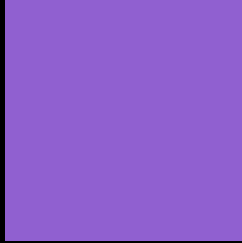
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0696, 18.8491, 61.8860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

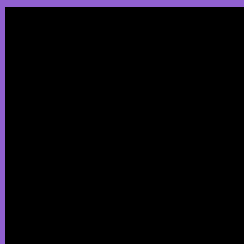
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0696, 18.8491, 61.8860

Background



This preview shows how black text looks on a background with the XYZ color 27.0696, 18.8491, 61.8860.



This preview shows how white text looks on a background with the XYZ color 27.0696, 18.8491,

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

27.0696, 18.8491, 61.8860

Protanopia

22.2491, 19.2793, 76.6774

Deuteranopia

19.6668, 19.0433, 59.1391



Tritanopia

19.0293, 18.8181, 22.3680

Trichromacy



Original Color

27.0696, 18.8491, 61.8860

Protanomaly

22.6396, 18.2816, 70.7421

Deuteranomaly

21.2272, 18.2714, 60.1655

Tritanomaly

21.3009, 18.4059, 33.8825

Monochromacy



Original Color

27.0696, 18.8491, 61.8860

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.0979, 18.9686, 33.1212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0696, 18.8491, 61.8860 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(144, 96, 208)` looks like.

```
.text, #text, p{  
    color:rgb(144, 96, 208)  
}
```

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(144, 96, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 96, 208) }
```

Border

The CSS property to change the border of an element to XYZ 27.0696, 18.8491, 61.8860 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(144, 96, 208) }
```


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

```
.border{ border-color:rgb(144, 96, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 96, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 96, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 96, 208);  
box-shadow:4px 4px 4px 4px rgb(144, 96,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0696, 18.8491, 61.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 96, 208) }
```

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

```
.background{ background-color: rgb(144, 96,  
208) }
```

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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