

Converting Colors

XYZ(17.0565, 8.1580, 61.4946)

Have a look what the booklet for
XYZ(17.0565, 8.1580, 61.4946)
contains.

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Color

**XYZ(17.0269, 8.1231,
61.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	611ED2
RGB	97, 30, 210
RGB Percent	38%, 12%, 82%
CMY	0.6196, 0.8824, 0.1765
CMYK	0.54, 0.86, 0.00, 0.18
HSL	262°, 75%, 47%
HSV	262°, 86%, 82%
XYZ	17.0269, 8.1231, 61.6433
YIQ	70.5530, -17.8480, 70.1840

Conversions

Conversions Part 2

Format	Color
R_{YB}	97, 30, 210
Decimal	6364882
CIE _{Lab}	34.24, 65.32, -78.83
CIE _{LCh}	34, 102.379, 309.643
Yxy	8.1231, 0.1962, 0.0936
Android (android.graphics.Color)	4284554962 (0xFF611ED2)
YUV	70.5530, 68.7474, 23.1940
Hunter-Lab	28.5011, 56.7614, -108.2842

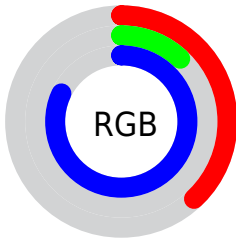
Details

The XYZ color **17.0269, 8.1231, 61.6433** is a dark color, and the websafe version is hex **6600CC**.

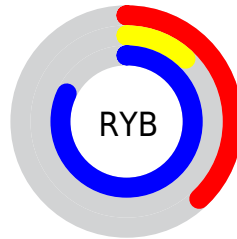
The color can be described as dark washed purple. A complement of this color would be **34.6075, 52.0261, 9.4462**, and the grayscale version is **5.8049, 6.1072, 6.6507**.

A 20% lighter version of the original color is **35.7563, 21.4073, 96.8552**, and **6.0297, 2.4347, 30.7240** is the 20% darker color. If you saturate the color by 10%, you get **15.3709, 6.7251, 61.4610**, and if you desaturate by 10%, it is **19.2704, 10.3477, 61.9547**.

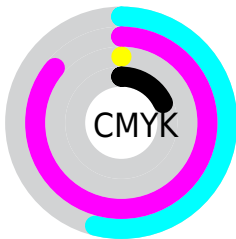
Distribution



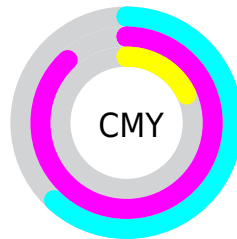
- Red (38%)
- Green (12%)
- Blue (82%)



- Red (38%)
- Yellow (12%)
- Blue (82%)



- Cyan (54%)
- Magenta (86%)
- Yellow (0%)
- Black (18%)




- Cyan (62%)
- Magenta (88%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0269, 8.1231, 61.6433 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 17.0269, 8.1231, 61.6433 by changing the saturation by 10% instead.


 17.0269, 8.1231,
61.6433


 17.0269, 8.1231,
61.6433


228.4806,
176.6944, 448.6005


 10.3491, 4.1738,
44.3106


 37.9152, 22.1994,
108.7764


 5.6951, 1.7713,
30.5758


 52.8565, 33.0952,
139.4139

 2.6994, 0.4692,
20.0203


 71.2830, 47.0754,
175.3235

 0.9969, 0.0000,
12.2256

 93.5600, 64.5242,
216.9236

 0.0000, 0.0000,
6.7731

 120.0529, 85.8261,
264.6328

 0.0000, 0.0000,
3.2443

 151.1270,

 0.0000, 0.0000,

111.3655, 318.8697

1.2207

187.1478,
141.5268, 380.0527

■ 0.0000, 0.0000,
0.0000

■ 17.0269, 8.1231,
61.6433

■ 17.0269, 8.1231,
61.6433

■ 15.3709, 6.7251,
61.4610

■ 19.2704, 10.3477,
61.9547

■ 14.7891, 6.2802,
61.4058

■ 22.1716, 13.5259,
62.4152

■ 25.7905, 17.7622,
63.0422

■ 30.1791, 23.1463,
63.8501

■ 35.3841, 29.7584,
64.8520

■ 41.4484, 37.6713,
66.0598

■ 48.4113, 46.9518,
67.4841

■ 56.3100, 57.6621,
69.1351

■ 65.1791, 69.8607,
71.0222

Harmonies

Analogous

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



9.7043, 8.1231, 89.7878



17.0269, 8.1231, 61.6433



23.2110, 8.1231, 24.8549

Triad

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



17.0269, 8.1231, 61.6433



12.1910, 8.1231, 0.0000



1.1750, 8.1231, 15.2073

Complementary

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



17.0269, 8.1231, 61.6433



34.6075, 52.0261, 9.4462

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.



1.3323, 8.1231, 1.8058



17.0269, 8.1231, 61.6433



6.0278, 8.1231, 0.0000

Square

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



17.0269, 8.1231, 61.6433



19.5957, 8.1231, 0.0000



2.6296, 8.1231, 0.0000



1.9857, 8.1231, 47.7364

Rectangle

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



17.0269, 8.1231, 61.6433



24.6645, 8.1231, 9.0413



2.6296, 8.1231, 0.0000



1.1315, 8.1231, 8.6509

Sweetspot

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



17.0274, 8.1233, 61.6435



63.7343, 57.6894, 102.3837



22.1414, 24.8755, 64.6075



12.9090, 11.3859, 21.7673



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.



17.0274, 8.1233, 61.6435



22.7616, 9.6489, 95.2705



32.3468, 16.0207, 62.3605



11.5735, 11.6289, 14.8783



9.1236, 3.8837, 37.4612



0.5968, 0.2618, 2.0987

Inverse Universe

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



32.0001, 16.6131, 27.5039



47.5917, 23.8007, 35.3774



24.8022, 46.9713, 8.9873



12.1164, 11.9313, 13.8886



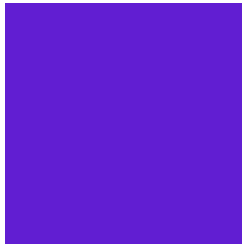
18.7957, 9.3911, 14.3622



1.0886, 0.5402, 1.0016

Previews

White Background



This preview shows how the XYZ color 17.0269, 8.1231, 61.6433 looks on a white background.

Color Contrast Check

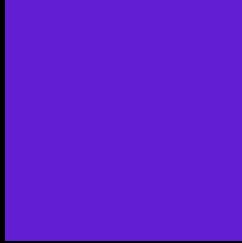
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 17.0269, 8.1231, 61.6433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

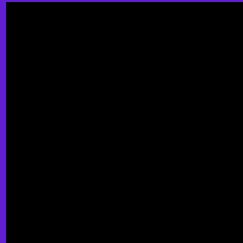
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0269, 8.1231, 61.6433

Background



This preview shows how black text looks on a background with the XYZ color 17.0269, 8.1231, 61.6433.



This preview shows how white text looks on a background with the XYZ color 17.0269, 8.1231,

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

17.0269, 8.1231, 61.6433

Protanopia

9.4252, 8.1291, 36.1943

Deuteranopia

7.8269, 8.0800, 25.9580



Tritanopia

6.9252, 8.1692, 11.3370

Trichromacy



Original Color

17.0269, 8.1231, 61.6433

Protanomaly

10.7024, 7.0310, 44.5091

Deuteranomaly

9.3181, 6.7407, 36.4073

Tritanomaly

8.9360, 6.9076, 23.7840

Monochromacy



Original Color

17.0269, 8.1231, 61.6433

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

8.2353, 5.9390, 19.1246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0269, 8.1231, 61.6433 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(97, 30, 210)` looks like.

```
.text, #text, p{  
    color:rgb(97, 30, 210)  
}
```

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(97, 30, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 30, 210) }
```

Border

The CSS property to change the border of an element to XYZ 17.0269, 8.1231, 61.6433 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(97, 30, 210) }
```


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

```
.border{ border-color:rgb(97, 30, 210) }
```

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

Here you see how a box with a 4 pixel rgb(97, 30, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 30, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 30, 210);  
box-shadow:4px 4px 4px 4px rgb(97, 30,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0269, 8.1231, 61.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 30, 210) }
```

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

```
.background{ background-color: rgb(97, 30,  
210) }
```

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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