

Converting Colors

XYZ(17.4768, 11.7897, 61.7419)

Have a look what the booklet for
XYZ(17.4768, 11.7897, 61.7419)
contains.

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Color

**XYZ(17.5291, 11.8577,
61.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4FD1
RGB	79, 79, 209
RGB Percent	31%, 31%, 82%
CMY	0.6902, 0.6902, 0.1804
CMYK	0.62, 0.62, 0.00, 0.18
HSL	240°, 59%, 56%
HSV	240°, 62%, 82%
XYZ	17.5291, 11.8577, 61.6865
YIQ	93.8200, -41.7300, 40.4300

Conversions

Conversions Part 2

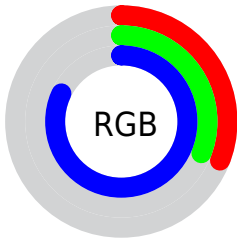
Format	Color
R_{YB}	79, 79, 209
Decimal	5197777
CIE _{Lab}	40.99, 38.96, -67.23
CIE _{LCh}	41, 77.708, 300.093
Yxy	11.8577, 0.1925, 0.1302
Android (android.graphics.Color)	4283387857 (0xFF4F4FD1)
YUV	93.8200, 56.7837, -12.9971
Hunter-Lab	34.4350, 30.6039, -82.1069

Details

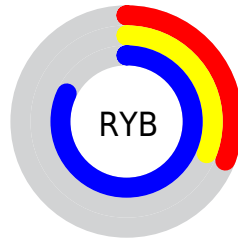
The XYZ color **17.5291, 11.8577, 61.6865** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **50.5043, 59.7200, 16.2624**, and the grayscale version is **10.4750, 11.0205, 12.0013**.

A 20% lighter version of the original color is **36.7155, 28.4960, 98.1729**, and **6.3218, 3.4440, 30.4685** is the 20% darker color. If you saturate the color by 10%, you get **14.7780, 8.5425, 61.1919**, and if you desaturate by 10%, it is **21.3014, 16.4026, 62.3652**.

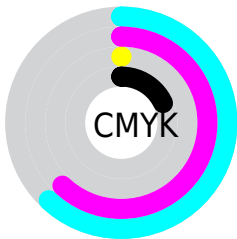
Distribution



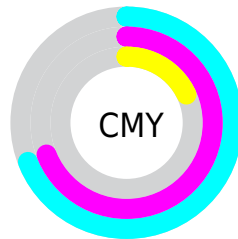
- Red (31%)
- Green (31%)
- Blue (82%)



- Red (31%)
- Yellow (31%)
- Blue (82%)



- Cyan (62%)
- Magenta (62%)
- Yellow (0%)
- Black (18%)



- Cyan (69%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5291, 11.8577, 61.6865 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 17.5291, 11.8577, 61.6865 by changing the saturation by 10% instead.

■ 17.5291, 11.8577,
61.6865

■ 17.5291, 11.8577,
61.6865

231.3005,
203.4609, 448.7627

■ 10.7101, 6.6469,
44.3453

■ 38.7697, 29.2357,
108.8395

■ 5.9381, 3.2422,
30.6029

■ 53.9219, 42.1716,
139.4884

■ 2.8478, 1.2595,
20.0407

■ 72.5827, 58.4513,
175.4102

■ 1.0738, 0.1095,
12.2403

■ 95.1172, 78.4592,
217.0235

■ 0.0030, 0.0000,
6.7830

■ 121.8909,
102.5798, 264.7469

■ 0.0000, 0.0000,
3.2504

153.2691,

■ 0.0000, 0.0000,

131.1973, 318.9989

1.2239

189.6172,
164.6962, 380.1979

■ 0.0000, 0.0000,
0.0000

■ 17.5291, 11.8577,
61.6865

■ 17.5291, 11.8577,
61.6865

■ 14.7780, 8.5425,
61.1919

■ 21.3014, 16.4026,
62.3652

■ 12.9470, 6.3363,
60.8626

■ 26.1797, 22.2805,
63.2427

■ 11.9175, 5.0959,
60.6774

■ 32.2417, 29.5850,
64.3331

■ 11.5088, 4.6036,
60.6039

■ 39.5580, 38.4007,
65.6491

■ 48.1935, 48.8060,
67.2024

■ 58.2085, 60.8737,
69.0038

■ 69.6599, 74.6721,
71.0636

■ 82.6010, 90.2656,
73.3914

■ 88.5087, 97.3835,
74.4539

Harmonies

Analogous

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



11.2878, 11.8577, 74.1560



17.5291, 11.8577, 61.6865



23.3170, 11.8577, 34.9981

Triad

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



17.5291, 11.8577, 61.6865



17.4887, 11.8577, 0.2315



3.6012, 11.8577, 12.9609

Complementary

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



17.5291, 11.8577, 61.6865



50.5043, 59.7200, 16.2624

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.



4.3088, 11.8577, 2.8688



17.5291, 11.8577, 61.6865



11.2530, 11.8577, 0.0000

Square

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



17.5291, 11.8577, 61.6865



23.2887, 11.8577, 2.8372



6.7130, 11.8577, 0.2403



4.3180, 11.8577, 35.1662

Rectangle

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



17.5291, 11.8577, 61.6865



25.4314, 11.8577, 18.9308



6.7130, 11.8577, 0.2403



3.6763, 11.8577, 8.3254

Sweetspot

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



17.5297, 11.8580, 61.6868



65.8613, 64.8290, 103.6497



37.5337, 51.8669, 68.3550



13.3036, 12.9200, 22.0426



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.



17.5297, 11.8580, 61.6868



21.9682, 11.9407, 95.7547



25.8063, 16.1247, 62.0742



11.1638, 11.4177, 14.8591



7.0960, 2.8384, 37.3664



0.3968, 0.1587, 2.0893

Inverse Universe

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



40.5984, 23.7504, 62.7615



61.1075, 32.1179, 97.5769



35.7135, 52.0950, 15.5702



12.3108, 12.0091, 14.9126



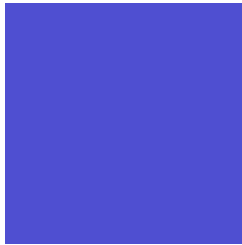
23.3073, 11.1958, 38.1202



1.3032, 0.6260, 2.1315

Previews

White Background



This preview shows how the XYZ color 17.5291, 11.8577, 61.6865 looks on a white background.

Color Contrast Check

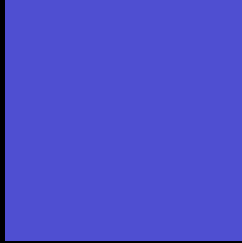
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.5291, 11.8577, 61.6865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

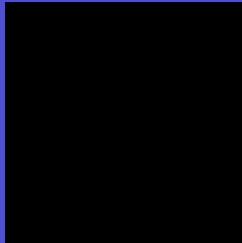
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5291, 11.8577, 61.6865

Background



This preview shows how black text looks on a background with the XYZ color 17.5291, 11.8577, 61.6865.



This preview shows how white text looks on a background with the XYZ color 17.5291, 11.8577,

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

17.5291, 11.8577, 61.6865

Protanopia

13.8782, 11.8142, 53.7735

Deuteranopia

11.6233, 11.7883, 39.1989



Tritanopia

8.7005, 11.7789, 18.0346

Trichromacy



Original Color

17.5291, 11.8577, 61.6865

Protanomaly

14.5390, 11.4577, 56.7036

Deuteranomaly

12.9856, 11.3762, 46.8588

Tritanomaly

10.7344, 11.1165, 30.0137

Monochromacy



Original Color

17.5291, 11.8577, 61.6865

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.1361, 11.0462, 24.7850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5291, 11.8577, 61.6865 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(79, 79, 209)` looks like.

```
.text, #text, p{  
    color:rgb(79, 79, 209)  
}
```

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(79, 79, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 79, 209) }
```

Border

The CSS property to change the border of an element to XYZ 17.5291, 11.8577, 61.6865 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(79, 79, 209) }
```


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

```
.border{ border-color:rgb(79, 79, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 79, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 79, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 79, 209);  
box-shadow:4px 4px 4px 4px rgb(79, 79,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5291, 11.8577, 61.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 79, 209) }
```

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

```
.background{ background-color: rgb(79, 79,  
209) }
```

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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