

Converting Colors

XYZ(17.6761, 11.6454, 59.6597)

Have a look what the booklet for
XYZ(17.6761, 11.6454, 59.6597)
contains.

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Color

**XYZ(17.6555, 11.6514,
59.7109)**

Conversions

Conversions Part 1

Format	Color
Hex	574CCE
RGB	87, 76, 206
RGB Percent	34%, 30%, 81%
CMY	0.6588, 0.7020, 0.1922
CMYK	0.58, 0.63, 0.00, 0.19
HSL	245°, 57%, 55%
HSV	245°, 63%, 81%
XYZ	17.6555, 11.6514, 59.7109
YIQ	94.1090, -35.1740, 42.7620

Conversions

Conversions Part 2

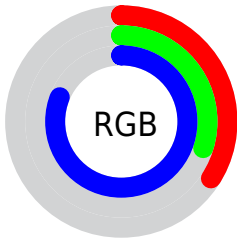
Format	Color
R_{YB}	87, 76, 206
Decimal	5721294
CIE _{Lab}	40.66, 41.08, -66.02
CIE _{LCh}	41, 77.757, 301.890
Yxy	11.6514, 0.1983, 0.1309
Android (android.graphics.Color)	4283911374 (0xFF574CCE)
YUV	94.1090, 55.1623, -6.2346
Hunter-Lab	34.1341, 32.5923, -79.8222

Details

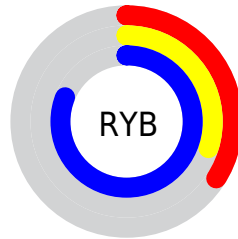
The XYZ color **17.6555, 11.6514, 59.7109** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **45.8804, 56.2661, 15.2799**, and the grayscale version is **10.5454, 11.0945, 12.0819**.

A 20% lighter version of the original color is **37.5435, 28.3448, 98.1001**, and **6.0502, 3.1629, 29.5698** is the 20% darker color. If you saturate the color by 10%, you get **14.9203, 8.4612, 59.2396**, and if you desaturate by 10%, it is **21.3060, 15.9877, 60.3558**.

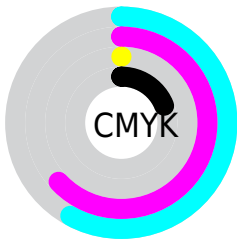
Distribution



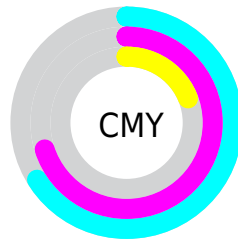
- Red (34%)
- Green (30%)
- Blue (81%)



- Red (34%)
- Yellow (30%)
- Blue (81%)



- Cyan (58%)
- Magenta (63%)
- Yellow (0%)
- Black (19%)



- Cyan (66%)
- Magenta (70%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6555, 11.6514, 59.7109 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 17.6555, 11.6514, 59.7109 by changing the saturation by 10% instead.

■ 17.6555, 11.6514,
59.7109

■ 17.6555, 11.6514,
59.7109

232.0054,
202.0836, 441.3064

■ 10.8011, 6.5068,
42.7619

■ 38.9841, 28.8586,
105.9494

■ 5.9996, 3.1556,
29.3683

■ 54.1891, 41.6899,
136.0760

■ 2.8855, 1.2135,
19.1116

■ 72.9083, 57.8523,
171.4323

■ 1.0935, 0.0727,
11.5734

■ 95.5071, 77.7302,
212.4366

■ 0.0197, 0.0000,
6.3349

■ 122.3508,
101.7078, 259.5077

■ 0.0000, 0.0000,
2.9777

153.8049,

■ 0.0000, 0.0000,

130.1697, 313.0639

1.0833

190.2346,
163.5001, 373.5240

■ 0.0000, 0.0000,
0.0000

■ 17.6555, 11.6514,
59.7109

■ 17.6555, 11.6514,
59.7109

■ 14.9203, 8.4612,
59.2396

■ 21.3060, 15.9877,
60.3558

■ 13.0166, 6.3069,
58.9241

■ 25.9416, 21.5644,
61.1879

■ 11.8486, 5.0584,
58.7447

■ 31.6279, 28.4671,
62.2205

■ 11.3797, 4.5795,
58.6769

■ 38.4238, 36.7734,
63.4656

■ 46.3842, 46.5552,
64.9341

■ 55.5601, 57.8791,
66.6363

■ 65.9996, 70.8080,
68.5816

■ 77.7482, 85.4010,
70.7791

■ 88.1406, 97.2363,
72.5158

Harmonies

Analogous

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



11.4269, 11.6514, 73.4431



17.6555, 11.6514, 59.7109



23.2707, 11.6514, 32.9833

Triad

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



17.6555, 11.6514, 59.7109



16.8435, 11.6514, 0.1057



3.5094, 11.6514, 13.7121

Complementary

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



17.6555, 11.6514, 59.7109



45.8804, 56.2661, 15.2799

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.



4.1189, 11.6514, 3.0965



17.6555, 11.6514, 59.7109



10.7290, 11.6514, 0.0000

Square

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



17.6555, 11.6514, 59.7109



22.7029, 11.6514, 2.4685



6.3732, 11.6514, 0.2850



4.3020, 11.6514, 36.3652

Rectangle

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



17.6555, 11.6514, 59.7109



25.1949, 11.6514, 17.4581



6.3732, 11.6514, 0.2850



3.5561, 11.6514, 8.8745

Sweetspot

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



17.6561, 11.6517, 59.7112



67.0182, 65.4254, 103.7039



33.6737, 45.0979, 65.3228



13.5761, 13.0605, 22.0553



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.



17.6561, 11.6517, 59.7112



22.8391, 12.1820, 95.7553



26.6429, 16.2846, 60.1318



10.6883, 10.8886, 14.1088



7.0416, 2.8376, 36.1329



0.3944, 0.1625, 1.8655

Inverse Universe

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



37.8880, 22.2307, 53.9210



58.4395, 30.8269, 84.2172



32.6075, 49.4237, 14.6587



11.6450, 11.3867, 13.9311



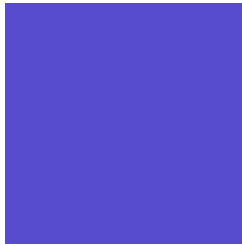
21.3180, 10.3378, 30.4568



1.1121, 0.5383, 1.6363

Previews

White Background



This preview shows how the XYZ color 17.6555, 11.6514, 59.7109 looks on a white background.

Color Contrast Check

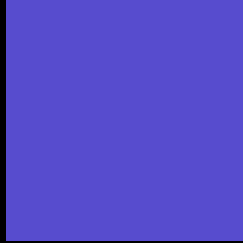
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6555, 11.6514, 59.7109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

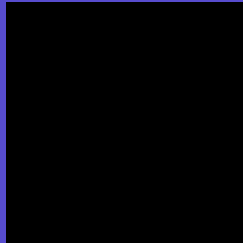
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6555, 11.6514, 59.7109

Background



This preview shows how black text looks on a background with the XYZ color 17.6555, 11.6514, 59.7109.



This preview shows how white text looks on a background with the XYZ color 17.6555, 11.6514,

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

17.6555, 11.6514, 59.7109

Deuteranopia

11.4356, 11.5625, 38.6749

Tritanopia

9.1416, 11.7234, 17.1103

Trichromacy



Original Color

17.6555, 11.6514, 59.7109

Deuteranomaly

12.6953, 10.9968, 45.7094

Tritanomaly

11.2409, 11.1375, 28.7514

Monochromacy



Original Color

17.6555, 11.6514, 59.7109

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.0958, 10.7898, 24.3668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6555, 11.6514, 59.7109 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(87, 76, 206)` looks like.

```
.text, #text, p{  
    color:rgb(87, 76, 206)  
}
```

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(87, 76, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 76, 206) }
```

Border

The CSS property to change the border of an element to XYZ 17.6555, 11.6514, 59.7109 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(87, 76, 206) }
```

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

```
.border{ border-color:rgb(87, 76, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 76, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 76, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 76, 206);  
box-shadow:4px 4px 4px 4px rgb(87, 76,  
206) }
```


Background

The CSS property to change the background color of an element to XYZ 17.6555, 11.6514, 59.7109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 76, 206) }
```

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

```
.background{ background-color: rgb(87, 76,  
206) }
```

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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