

Converting Colors

XYZ(17.1637, 14.9483, 44.7894)

Have a look what the booklet for
XYZ(17.1637, 14.9483, 44.7894)
contains.

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Color

**XYZ(17.1045, 14.9311,
44.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	5A66B3
RGB	90, 102, 179
RGB Percent	35%, 40%, 70%
CMY	0.6470, 0.6000, 0.2980
CMYK	0.50, 0.43, 0.00, 0.30
HSL	232°, 37%, 53%
HSV	232°, 50%, 70%
XYZ	17.1045, 14.9311, 44.6283
YIQ	107.1900, -31.8690, 21.4030

Conversions

Conversions Part 2

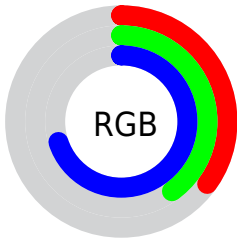
Format	Color
R _Y B	90, 101, 179
Decimal	5924531
CIE Lab	45.54, 17.03, -42.46
CIE LCh	46, 45.750, 291.856
Yxy	14.9311, 0.2231, 0.1948
Android (android.graphics.Color)	4284114611 (0xFF5A66B3)
YUV	107.1900, 35.4023, -15.0756
Hunter-Lab	38.6408, 11.3924, -41.4286

Details

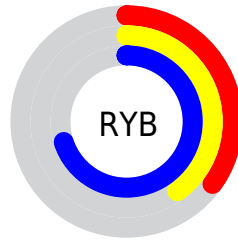
The XYZ color **17.1045, 14.9311, 44.6283** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **34.2554, 37.9605, 15.1954**, and the grayscale version is **13.9395, 14.6655, 15.9707**.

A 20% lighter version of the original color is **38.0637, 34.8004, 83.3082**, and **5.7757, 4.6418, 20.3302** is the 20% darker color. If you saturate the color by 10%, you get **14.1860, 11.3745, 44.0959**, and if you desaturate by 10%, it is **20.7278, 19.2736, 45.2758**.

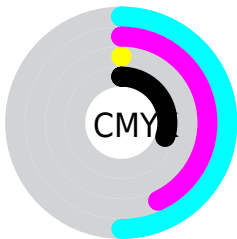
Distribution



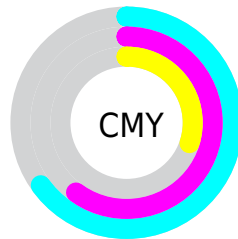
- Red (35%)
- Green (40%)
- Blue (70%)



- Red (35%)
- Yellow (40%)
- Blue (70%)



- Cyan (50%)
- Magenta (43%)
- Yellow (0%)
- Black (30%)



- Cyan (65%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1045, 14.9311, 44.6283 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 17.1045, 14.9311, 44.6283 by changing the saturation by 10% instead.

■ 17.1045, 14.9311,
44.6283

■ 17.1045, 14.9311,
44.6283

228.9184,
222.9488, 381.3822

■ 10.4048, 8.7710,
30.8239

■ 38.0475, 34.7323,
83.4749

■ 5.7325, 4.5921,
20.2075

■ 53.0216, 49.1422,
109.3542

■ 2.7222, 2.0100,
12.3604

■ 71.4844, 67.0708,
140.0955

■ 1.0086, 0.6133,
6.8641

■ 93.8014, 88.9026,
176.1175

■ 0.0000, 0.0000,
3.3001

120.3380,
115.0218, 217.8386

■ 0.0000, 0.0000,
1.2498

151.4594,

■ 0.0000, 0.0000,

145.8131, 265.6774

0.0201

187.5311,
181.6606, 320.0524

■ 0.0000, 0.0000,
0.0000

■ 17.1045, 14.9311,
44.6283

■ 17.1045, 14.9311,
44.6283

■ 14.1860, 11.3745,
44.0959

■ 20.7278, 19.2736,
45.2758

■ 11.9240, 8.5546,
43.6709

■ 25.0962, 24.4438,
46.0435

■ 10.2670, 6.4193,
43.3460

■ 30.2493, 30.4825,
46.9375

■ 9.1544, 4.9084,
43.1131

■ 36.2231, 37.4275,
47.9632

■ 8.4815, 3.9348,
42.9606

■ 43.0516, 45.3139,
49.1255

■ 8.4661, 3.9134,
42.9573

■ 50.7666, 54.1754,
50.4293

■ 59.3985, 64.0438,
51.8792

■ 68.9761, 74.9495,
53.4794

■ 79.5271, 86.9215,
55.2341

Harmonies

Analogous

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



13.1766, 14.9311, 47.2249



17.1045, 14.9311, 44.6283



20.7853, 14.9311, 33.0122

Triad

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



17.1045, 14.9311, 44.6283



19.2271, 14.9311, 4.6929



8.0931, 14.9311, 13.4567

Complementary

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



17.1045, 14.9311, 44.6283



34.2554, 37.9605, 15.1954

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.



9.1645, 14.9311, 6.4208



17.1045, 14.9311, 44.6283



15.2573, 14.9311, 3.0612

Square

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



17.1045, 14.9311, 44.6283



22.1558, 14.9311, 9.6179



11.6297, 14.9311, 3.5083



8.4091, 14.9311, 25.4104

Rectangle

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



17.1045, 14.9311, 44.6283



22.3756, 14.9311, 23.7247



11.6297, 14.9311, 3.5083



8.2949, 14.9311, 10.5487

Sweetspot

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



17.1051, 14.9316, 44.6287



58.7674, 59.9427, 84.8539



27.1880, 37.1547, 41.6474



12.5369, 12.7181, 18.7163



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



17.1051, 14.9316, 44.6287



24.8176, 19.6448, 78.8650



19.6998, 14.6437, 44.4363



8.1313, 8.4088, 10.7008



6.0111, 2.8226, 30.3650



0.2182, 0.1470, 0.9651

Inverse Universe

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



24.6454, 17.8561, 14.7184



40.0953, 26.1220, 18.1386



30.1518, 39.2608, 15.6626



8.5415, 8.5233, 9.0838



13.2688, 6.8251, 1.3095



0.4322, 0.2206, 0.1185

Previews

White Background



This preview shows how the XYZ color 17.1045, 14.9311, 44.6283 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 17.1045, 14.9311, 44.6283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

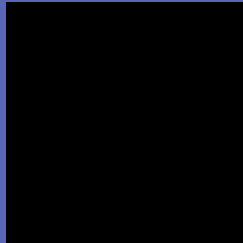
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1045, 14.9311, 44.6283

Background



This preview shows how black text looks on a background with the XYZ color 17.1045, 14.9311, 44.6283.

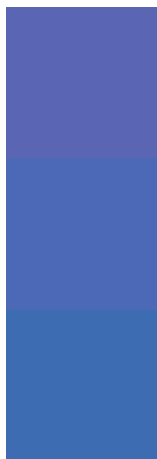


This preview shows how white text looks on a background with the XYZ color 17.1045, 14.9311,

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

17.1045, 14.9311, 44.6283

Protanopia

16.3967, 14.9764, 46.2825

Deuteranopia

15.3850, 14.9636, 44.1969



Tritanopia

12.3401, 14.8812, 20.9608

Trichromacy



Original Color

17.1045, 14.9311, 44.6283

Protanomaly

16.5991, 14.9423, 45.7253

Deuteranomaly

15.8624, 14.9001, 44.1595

Tritanomaly

13.7583, 14.7973, 28.1176

Monochromacy



Original Color

17.1045, 14.9311, 44.6283

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.6520, 14.5633, 24.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1045, 14.9311, 44.6283 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(90, 102, 179)` looks like.

```
.text, #text, p{  
    color:rgb(90, 102, 179)  
}
```

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(90, 102, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 102, 179) }
```

Border

The CSS property to change the border of an element to XYZ 17.1045, 14.9311, 44.6283 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(90, 102, 179) }
```


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

```
.border{ border-color:rgb(90, 102, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 102, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 102, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 102, 179);  
box-shadow:4px 4px 4px 4px rgb(90, 102,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1045, 14.9311, 44.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 102, 179) }
```

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

```
.background{ background-color: rgb(90, 102,  
179) }
```

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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