

Converting Colors

XYZ(14.6760, 17.7190, 5.8823)

Have a look what the booklet for
XYZ(14.6760, 17.7190, 5.8823)
contains.

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Color

**XYZ(14.6597, 17.6357,
5.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	747934
RGB	116, 121, 52
RGB Percent	45%, 47%, 20%
CMY	0.5451, 0.5255, 0.7961
CMYK	0.04, 0.00, 0.57, 0.53
HSL	64°, 40%, 34%
HSV	64°, 57%, 47%
XYZ	14.6597, 17.6357, 5.8802
YIQ	111.6390, 19.1690, -22.5190

Conversions

Conversions Part 2

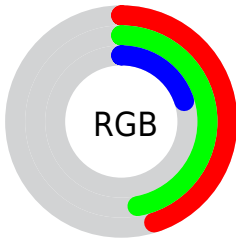
Format	Color
RYB	52, 121, 57
Decimal	7633204
CIELab	49.05, -12.25, 36.56
CIELCh	49, 38.558, 108.525
Yxy	17.6357, 0.3840, 0.4620
Android (android.graphics.Color)	4285823284 (0xFF747934)
YUV	111.6390, -29.4020, 3.8246
Hunter-Lab	41.9949, -11.1797, 21.0945

Details

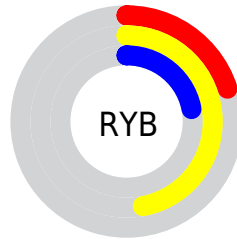
The XYZ color **14.6597, 17.6357, 5.8802** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.3671, 4.7067, 18.6631**, and the grayscale version is **15.3752, 16.1759, 17.6155**.

A 20% lighter version of the original color is **33.8701, 39.3728, 18.1265**, and **4.5735, 5.8933, 0.9539** is the 20% darker color. If you saturate the color by 10%, you get **14.3055, 17.4812, 4.6190**, and if you desaturate by 10%, it is **15.0858, 17.8203, 7.5103**.

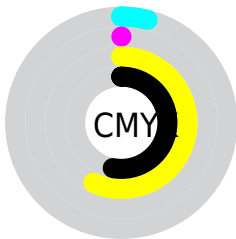
Distribution



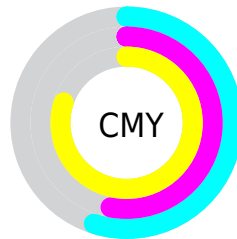
- Red (45%)
- Green (47%)
- Blue (20%)



- Red (20%)
- Yellow (47%)
- Blue (22%)



- Cyan (4%)
- Magenta (0%)
- Yellow (57%)
- Black (53%)





- Cyan (55%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6597, 17.6357, 5.8802 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 14.6597, 17.6357, 5.8802 by changing the saturation by 10% instead.


 14.6597, 17.6357,
5.8802


 14.6597, 17.6357,
5.8802


214.7266,
238.8096, 167.2660


 8.6657, 10.6888,
2.7048


 33.8317, 39.4156,
18.1551


 4.5791, 5.8580,
0.9458

 47.7403, 55.0173,
28.0916


 2.0347, 2.7589,
0.0000

 65.0178, 74.2728,
41.1189

 0.6533, 1.0072,
0.0000

 86.0296, 97.5663,
57.6555

 0.0000, 0.0000,
0.0000

 111.1411,
125.2824, 78.1200

 140.7175,

157.8054, 102.9309

175.1242,
195.5196, 132.5067

■ 14.6597, 17.6357,
5.8802

■ 14.6597, 17.6357,
5.8802

■ 14.3055, 17.4812,
4.6190

■ 15.0858, 17.8203,
7.5103

■ 14.0164, 17.3523,
3.6968

■ 15.5873, 18.0346,
9.5340

■ 13.7866, 17.2472,
3.0810

■ 16.1692, 18.2811,
11.9749

■ 13.6022, 17.1604,
2.6988

■ 16.8355, 18.5616,
14.8546

■ 13.5491, 17.1354,
2.5933

■ 17.5901, 18.8774,
18.1933

■ 18.4365, 19.2302,
22.0098

■ 19.3781, 19.6211,
26.3218

■ 20.4181, 20.0516,
31.1463

■ 21.5597, 20.5228,
36.4993

Harmonies

Analogous

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



18.1758, 17.6357, 5.5984



14.6597, 17.6357, 5.8802



12.0966, 17.6357, 8.8458

Triad

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



14.6597, 17.6357, 5.8802



12.5869, 17.6357, 38.1908



24.4934, 17.6357, 23.4176

Complementary

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



14.6597, 17.6357, 5.8802



6.3671, 4.7067, 18.6631

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.



22.4955, 17.6357, 35.5313



14.6597, 17.6357, 5.8802



15.4239, 17.6357, 45.8840

Square

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



14.6597, 17.6357, 5.8802



11.0232, 17.6357, 26.2069



19.0567, 17.6357, 44.7665



24.2110, 17.6357, 13.5722

Rectangle

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



14.6597, 17.6357, 5.8802



11.1155, 17.6357, 12.8264



19.0567, 17.6357, 44.7665



24.0558, 17.6357, 27.4031

Sweetspot

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



14.6601, 17.6365, 5.8806



30.0954, 33.2156, 26.3771



9.9490, 7.2002, 4.1145



6.8375, 7.5764, 5.8399



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.6601, 17.6365, 5.8806



25.4663, 31.2363, 7.7720



10.9289, 15.7130, 5.7059



4.2804, 4.6199, 4.2906



14.5151, 18.3600, 2.7788



68.9312, 87.4208, 13.2408

Inverse Universe

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



6.3671, 4.7067, 18.6631



9.1138, 5.7154, 33.0157



9.0040, 6.0661, 18.7865



3.8221, 3.9062, 4.9957



3.8119, 1.5379, 19.4812



17.8973, 7.1884, 92.9140

Previews

White Background



This preview shows how the XYZ color 14.6597, 17.6357, 5.8802 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 14.6597, 17.6357, 5.8802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

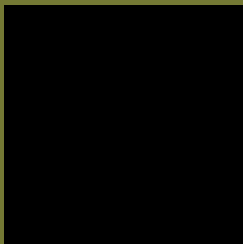
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

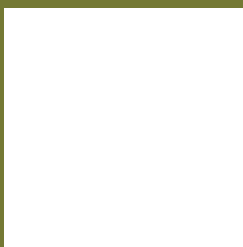
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6597, 17.6357, 5.8802

Background



This preview shows how black text looks on a background with the XYZ color 14.6597, 17.6357, 5.8802.



This preview shows how white text looks on a background with the XYZ color 14.6597, 17.6357,

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

14.6597, 17.6357, 5.8802

Protanopia

16.0121, 17.6287, 5.6907

Deuteranopia

17.8756, 17.5740, 6.0644



Tritanopia

17.7608, 17.6756, 21.2145

Trichromacy



Original Color

14.6597, 17.6357, 5.8802

Protanomaly

15.3882, 17.4810, 5.6951

Deuteranomaly

16.6281, 17.5961, 6.0100

Tritanomaly

16.2647, 17.5787, 13.8451

Monochromacy



Original Color

14.6597, 17.6357, 5.8802

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.7862, 16.5104, 12.0804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6597, 17.6357, 5.8802 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(116, 121, 52)` looks like.

```
.text, #text, p{  
    color:rgb(116, 121, 52)  
}
```

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(116, 121, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 121, 52) }
```

Border

The CSS property to change the border of an element to XYZ 14.6597, 17.6357, 5.8802 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(116, 121, 52) }
```


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

```
.border{ border-color:rgb(116, 121, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 121, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 121, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 121, 52);  
box-shadow:4px 4px 4px 4px rgb(116, 121,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6597, 17.6357, 5.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 121, 52) }
```

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

```
.background{ background-color: rgb(116,  
121, 52) }
```

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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