

Converting Colors

XYZ(14.4566, 17.6726, 16.0138)

Have a look what the booklet for
XYZ(14.4566, 17.6726, 16.0138)
contains.

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Color

**XYZ(14.4566, 17.6726,
16.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	607B69
RGB	96, 123, 105
RGB Percent	38%, 48%, 41%
CMY	0.6235, 0.5176, 0.5882
CMYK	0.22, 0.00, 0.15, 0.52
HSL	140°, 12%, 43%
HSV	140°, 22%, 48%
XYZ	14.4566, 17.6726, 16.0138
YIQ	112.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

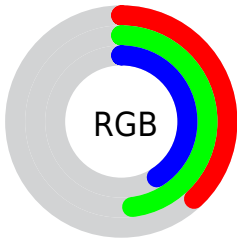
Format	Color
R_{YB}	96, 116, 123
Decimal	6323049
CIE _{Lab}	49.10, -13.69, 6.67
CIE _{LCh}	49, 15.227, 154.040
Yxy	17.6726, 0.3003, 0.3671
Android (android.graphics.Color)	4284513129 (0xFF607B69)
YUV	112.8750, -3.8824, -14.7994
Hunter-Lab	42.0388, -12.1840, 6.8419

Details

The XYZ color **14.4566, 17.6726, 16.0138** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.3891, 13.7920, 17.7713**, and the grayscale version is **15.6727, 16.4889, 17.9564**.

A 20% lighter version of the original color is **33.5587, 39.6540, 37.3377**, and **4.4791, 5.8560, 4.8972** is the 20% darker color. If you saturate the color by 10%, you get **12.8611, 16.8969, 13.8442**, and if you desaturate by 10%, it is **16.2963, 18.5704, 18.4078**.

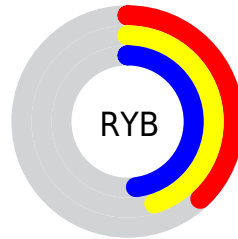
Distribution



 Red (38%)

 Green (48%)

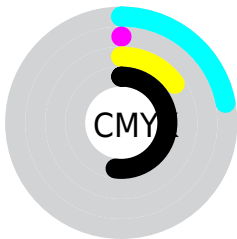
 Blue (41%)



 Red (38%)

 Yellow (45%)

 Blue (48%)

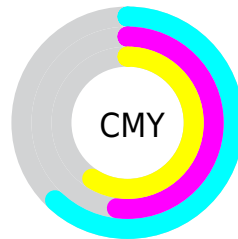


 Cyan (22%)

 Magenta (0%)

 Yellow (15%)

 Black (52%)



 Cyan (62%)

 Magenta (52%)

 Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4566, 17.6726, 16.0138 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 14.4566, 17.6726, 16.0138 by changing the saturation by 10% instead.

■ 14.4566, 17.6726,
16.0138

■ 14.4566, 17.6726,
16.0138

213.5074,
239.0191, 241.2716

■ 8.5227, 10.7152,
9.3795

■ 33.4766, 39.4786,
37.3893

■ 4.4858, 5.8757,
4.8893

■ 47.2934, 55.0961,
52.9675

■ 1.9805, 2.7696,
2.1249

■ 64.4686, 74.3690,
72.3641

■ 0.6230, 1.0127,
0.6305

■ 85.3675, 97.6817,
95.9976

■ 0.0000, 0.0000,
0.0000

110.3555,
125.4187, 124.2866

139.7979,

157.9643, 157.6495

174.0601,
195.7030, 196.5050

■ 14.4566, 17.6726,
16.0138

■ 14.4566, 17.6726,
16.0138

■ 12.8611, 16.8969,
13.8442

■ 16.2963, 18.5704,
18.4078

■ 11.4977, 16.2359,
11.8913

■ 18.3886, 19.5931,
21.0312

■ 10.3556, 15.6845,
10.1487

■ 20.7432, 20.7461,
23.8904

■ 9.4226, 15.2366,
8.6094

■ 23.3691, 22.0339,
26.9911

■ 8.6849, 14.8854,
7.2658

■ 26.2746, 23.4607,
30.3388

■ 8.1275, 14.6230,
6.1098

■ 29.4678, 25.0305,
33.9388

■ 7.7324, 14.4405,
5.1328

■ 32.9564, 26.7471,
37.7965

■ 7.4835, 14.3267,
4.4686

■ 36.7479, 28.6145,
41.9167

■ 40.8494, 30.6360,
46.3044

Harmonies

Analogous

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



15.3125, 17.6726, 13.4550



14.4566, 17.6726, 16.0138



14.2145, 17.6726, 19.7996

Triad

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



14.4566, 17.6726, 16.0138



16.9907, 17.6726, 28.1596



19.1667, 17.6726, 15.1830

Complementary

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



14.4566, 17.6726, 16.0138



15.3891, 13.7920, 17.7713

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.



19.6754, 17.6726, 18.6959



14.4566, 17.6726, 16.0138



18.3750, 17.6726, 26.4890

Square

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



14.4566, 17.6726, 16.0138



15.6285, 17.6726, 27.1778



19.3779, 17.6726, 22.8783



18.0230, 17.6726, 13.0249

Rectangle

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



14.4566, 17.6726, 16.0138



14.4216, 17.6726, 22.6125



19.3779, 17.6726, 22.8783



19.4205, 17.6726, 16.2251

Sweetspot

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



14.4571, 17.6733, 16.0142



30.9146, 34.1002, 35.1558



16.1930, 18.6189, 13.8069



7.2428, 8.0125, 8.2320



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.4571, 17.6733, 16.0142



24.4953, 30.9691, 26.8058



15.1804, 17.9626, 19.8229



4.0009, 4.4700, 4.5385



7.7389, 14.8192, 4.6101



36.5579, 70.5462, 20.1076

Inverse Universe

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



15.3891, 13.7920, 17.7713



26.4553, 22.8041, 30.4991



14.6983, 13.5157, 14.1335



4.1004, 4.0559, 4.7262



10.0232, 4.9854, 8.6788



47.4043, 23.6180, 39.2545

Previews

White Background



This preview shows how the XYZ color 14.4566, 17.6726, 16.0138 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 14.4566, 17.6726, 16.0138 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 14.4566, 17.6726, 16.0138

Background



This preview shows how black text looks on a background with the XYZ color 14.4566, 17.6726, 16.0138.

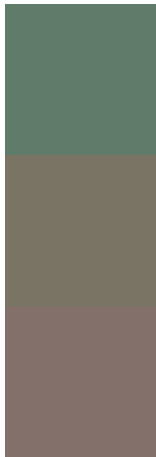


This preview shows how white text looks on a background with the XYZ color 14.4566, 17.6726,

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

14.4566, 17.6726, 16.0138

Protanopia

16.6204, 17.5679, 14.8269

Deuteranopia

17.8081, 17.4752, 16.3444



Tritanopia

15.9344, 17.7272, 23.3507

Trichromacy



Original Color

14.4566, 17.6726, 16.0138

Protanomaly

15.8052, 17.6637, 15.1468

Deuteranomaly

16.3181, 17.3829, 16.1309

Tritanomaly

15.3731, 17.6835, 20.3723

Monochromacy



Original Color

14.4566, 17.6726, 16.0138

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2392, 16.9742, 17.2250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4566, 17.6726, 16.0138 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(96, 123, 105) looks like.

```
.text, #text, p{  
    color:rgb(96, 123, 105)  
}
```

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(96, 123, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 123, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.4566, 17.6726, 16.0138 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(96, 123, 105) }
```


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

```
.border{ border-color:rgb(96, 123, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 123, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 123, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 123, 105);  
box-shadow:4px 4px 4px 4px rgb(96, 123,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4566, 17.6726, 16.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 123, 105) }
```

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

```
.background{ background-color: rgb(96, 123,  
105) }
```

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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