

Converting Colors

XYZ(14.6262, 16.1613, 16.7525)

Have a look what the booklet for
XYZ(14.6262, 16.1613, 16.7525)
contains.

XYZ(14.6033, 16.1420, 16.8140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6033, 16.1420,
16.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	69726D
RGB	105, 114, 109
RGB Percent	41%, 45%, 43%
CMY	0.5882, 0.5529, 0.5725
CMYK	0.08, 0.00, 0.04, 0.55
HSL	147°, 4%, 43%
HSV	147°, 8%, 45%
XYZ	14.6033, 16.1420, 16.8140
YIQ	110.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

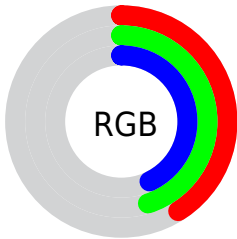
Format	Color
R_{YB}	105, 111, 114
Decimal	6910573
CIE Lab	47.16, -4.44, 1.60
CIE LCh	47, 4.722, 160.237
Yxy	16.1420, 0.3071, 0.3394
Android (android.graphics.Color)	4285100653 (0xFF69726D)
YUV	110.7390, -0.8573, -5.0331
Hunter-Lab	40.1771, -5.4300, 3.3113

Details

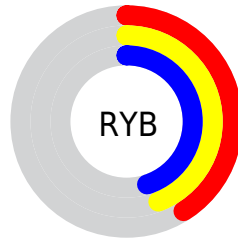
The XYZ color **14.6033, 16.1420, 16.8140** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8060, 14.8067, 16.8302**, and the grayscale version is **15.0374, 15.8205, 17.2285**.

A 20% lighter version of the original color is **33.6917, 36.8784, 38.6002**, and **4.5626, 5.1438, 5.3098** is the 20% darker color. If you saturate the color by 10%, you get **13.0243, 15.3664, 15.0239**, and if you desaturate by 10%, it is **16.3873, 17.0213, 18.7427**.

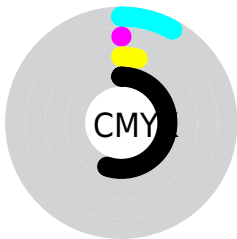
Distribution



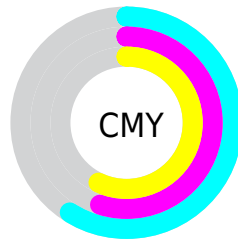
- Red (41%)
- Green (45%)
- Blue (43%)



- Red (41%)
- Yellow (44%)
- Blue (45%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6033, 16.1420, 16.8140 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 14.6033, 16.1420, 16.8140 by changing the saturation by 10% instead.

■ 14.6033, 16.1420,
16.8140

■ 14.6033, 16.1420,
16.8140

214.3887,
230.1782, 246.1058

■ 8.6259, 9.6247,
9.9414

■ 33.7331, 36.8445,
38.7920

■ 4.5532, 5.1508,
5.2550

■ 47.6163, 51.7986,
54.7344

■ 2.0196, 2.3360,
2.3363

■ 64.8655, 70.3336,
74.5372

■ 0.6449, 0.7927,
0.7515

■ 85.8460, 92.8341,
98.6190

■ 0.0000, 0.0000,
0.0000

110.9233,
119.6844, 127.3981

140.4625,

151.2689, 161.2933

174.8292,
187.9721, 200.7230

■ 14.6033, 16.1420,
16.8140

■ 14.6033, 16.1420,
16.8140

■ 13.0243, 15.3664,
15.0239

■ 16.3873, 17.0213,
18.7427

■ 11.6414, 14.6887,
13.3682

■ 18.3823, 18.0060,
20.8119

■ 10.4468, 14.1054,
11.8442

■ 20.5953, 19.1002,
23.0248

■ 9.4321, 13.6121,
10.4486

■ 23.0331, 20.3072,
25.3841

■ 8.5877, 13.2041,
9.1781

■ 25.7018, 21.6302,
27.8925

■ 7.9034, 12.8760,
8.0289

■ 28.6074, 23.0723,
30.5527

■ 7.3677, 12.6222,
6.9974

■ 31.7557, 24.6362,
33.3671

■ 6.9676, 12.4358,
6.0795

■ 35.1523, 26.3250,
36.3383

■ 6.6672, 12.2986,
5.2701

■ 38.8026, 28.1413,
39.4687

Harmonies

Analogous

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



14.8325, 16.1420, 15.8875



14.6033, 16.1420, 16.8140



14.5701, 16.1420, 17.9854

Triad

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



14.6033, 16.1420, 16.8140



15.4848, 16.1420, 19.9235



15.9601, 16.1420, 16.1399

Complementary

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



14.6033, 16.1420, 16.8140



14.8060, 14.8067, 16.8302

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.



16.1417, 16.1420, 17.1727



14.6033, 16.1420, 16.8140



15.8640, 16.1420, 19.3799

Square

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



14.6033, 16.1420, 16.8140



15.0741, 16.1420, 19.8168



16.1062, 16.1420, 18.3605



15.6140, 16.1420, 15.5106

Rectangle

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



14.6033, 16.1420, 16.8140



14.6630, 16.1420, 18.7527



16.1062, 16.1420, 18.3605



16.0427, 16.1420, 16.4494

Sweetspot

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



14.6038, 16.1427, 16.8144



27.4493, 29.2462, 31.4972



15.0105, 16.3767, 15.7347



6.3600, 6.7695, 7.2971



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.6038, 16.1427, 16.8144



25.2708, 28.1737, 29.1123



14.8468, 16.2399, 18.0940



3.4009, 3.7856, 3.9175



7.3469, 13.6563, 5.6478



36.1775, 67.8596, 25.9177

Inverse Universe

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



14.8060, 14.8067, 16.8302



25.6828, 25.4526, 29.1446



14.5722, 14.7132, 15.5990



3.4548, 3.4296, 3.9218



8.7259, 4.3828, 5.6327



43.0283, 21.6566, 25.7450

Previews

White Background



This preview shows how the XYZ color 14.6033, 16.1420, 16.8140 looks on a white background.

Color Contrast Check

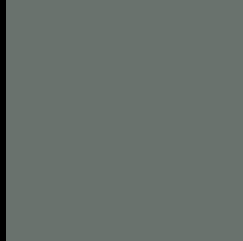
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6033, 16.1420, 16.8140 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

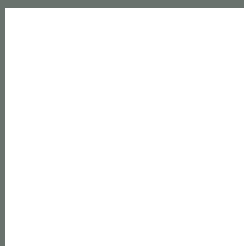
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6033, 16.1420, 16.8140

Background



This preview shows how black text looks on a background with the XYZ color 14.6033, 16.1420, 16.8140.



This preview shows how white text looks on a background with the XYZ color 14.6033, 16.1420,

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

14.6033, 16.1420, 16.8140

Protanopia

15.4085, 16.0753, 16.2006

Deuteranopia

16.3454, 16.0619, 16.9906



Tritanopia

15.3088, 16.0946, 20.3889

Trichromacy



Original Color

14.6033, 16.1420, 16.8140

Protanomaly

15.0565, 16.0506, 16.4919

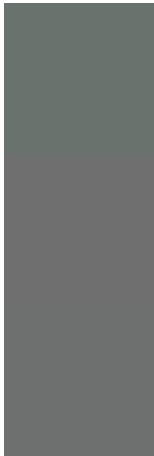
Deuteranomaly

15.5929, 15.9907, 17.0165

Tritanomaly

15.0599, 16.1588, 19.1548

Monochromacy



Original Color

14.6033, 16.1420, 16.8140

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9153, 15.9653, 17.0473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6033, 16.1420, 16.8140 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(105, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(105, 114, 109)  
}
```

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(105, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 114, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.6033, 16.1420, 16.8140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

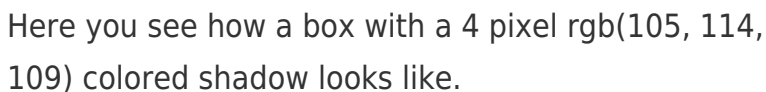
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 114, 109) }
```


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

```
.border{ border-color:rgb(105, 114, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(105, 114,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6033, 16.1420, 16.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 114, 109) }
```

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

```
.background{ background-color: rgb(105,  
114, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor