

Converting Colors

XYZ(14.0889, 17.0245, 4.6055)

Have a look what the booklet for
XYZ(14.0889, 17.0245, 4.6055)
contains.

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Color

**XYZ(14.0673, 16.9986,
4.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	737729
RGB	115, 119, 41
RGB Percent	45%, 47%, 16%
CMY	0.5490, 0.5333, 0.8392
CMYK	0.03, 0.00, 0.66, 0.53
HSL	63°, 49%, 31%
HSV	63°, 66%, 47%
XYZ	14.0673, 16.9986, 4.6375
YIQ	108.9120, 22.6540, -25.1060

Conversions

Conversions Part 2

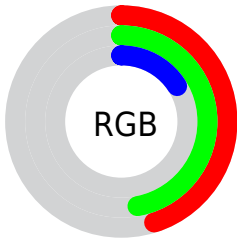
Format	Color
R_{YB}	41, 119, 45
Decimal	7567145
CIE _{Lab}	48.26, -12.49, 40.94
CIE _{LCh}	48, 42.809, 106.970
Yxy	16.9986, 0.3940, 0.4761
Android (android.graphics.Color)	4285757225 (0xFF737729)
YUV	108.9120, -33.4806, 5.3392
Hunter-Lab	41.2294, -11.2479, 22.1916

Details

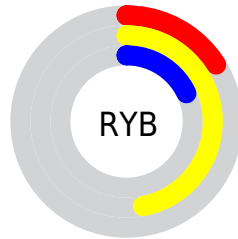
The XYZ color **14.0673, 16.9986, 4.6375** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.2055, 3.4761, 17.8504**, and the grayscale version is **14.5987, 15.3590, 16.7259**.

A 20% lighter version of the original color is **32.8134, 38.3162, 15.5638**, and **4.3676, 5.5965, 0.8500** is the 20% darker color. If you saturate the color by 10%, you get **13.8104, 16.8872, 3.7007**, and if you desaturate by 10%, it is **14.3884, 17.1370, 5.9059**.

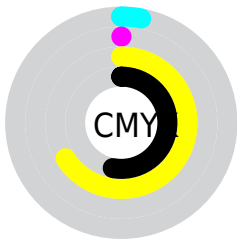
Distribution



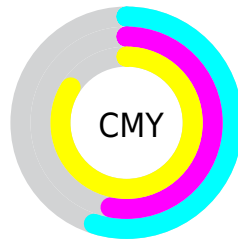
- Red (45%)
- Green (47%)
- Blue (16%)



- Red (16%)
- Yellow (47%)
- Blue (18%)



- Cyan (3%)
- Magenta (0%)
- Yellow (66%)
- Black (53%)





- Cyan (55%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0673, 16.9986, 4.6375 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 14.0673, 16.9986, 4.6375 by changing the saturation by 10% instead.


 14.0673, 16.9986,
4.6375


 14.0673, 16.9986,
4.6375


211.1513,
235.1643, 155.0675


 8.2495, 10.2335,
1.9812


 32.7937, 38.3234,
15.4552


 4.3082, 5.5540,
0.5437

 46.4329, 53.6518,
24.4537

 1.8779, 2.5759,
0.0000

 63.4101, 72.6035,
36.4033

 0.5639, 0.9145,
0.0000

 84.0905, 95.5628,
51.7226

 0.0000, 0.0000,
0.0000

 108.8394,
122.9142, 70.8302

 138.0223,

155.0419, 94.1445

172.0045,
192.3305, 122.0841

■ 14.0673, 16.9986,
4.6375

■ 14.0673, 16.9986,
4.6375

■ 13.8104, 16.8872,
3.7007

■ 14.3884, 17.1370,
5.9059

■ 13.6106, 16.7981,
3.0637

■ 14.7776, 17.3020,
7.5320

■ 13.4578, 16.7279,
2.6717

■ 15.2399, 17.4964,
9.5404

■ 13.3938, 16.6982,
2.5171

■ 15.7796, 17.7218,
11.9533

■ 16.4005, 17.9797,
14.7911

■ 17.1063, 18.2716,
18.0729

■ 17.9003, 18.5989,
21.8167

■ 18.7858, 18.9628,
26.0393

■ 19.7658, 19.3646,
30.7570

Harmonies

Analogous

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



17.9052, 16.9986, 4.4874



14.0673, 16.9986, 4.6375



11.2759, 16.9986, 7.3891

Triad

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



14.0673, 16.9986, 4.6375



11.5648, 16.9986, 39.0388



24.6093, 16.9986, 23.7795

Complementary

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



14.0673, 16.9986, 4.6375



5.2055, 3.4761, 17.8504

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.



22.2748, 16.9986, 37.3485



14.0673, 16.9986, 4.6375



14.5258, 16.9986, 48.2670

Square

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



14.0673, 16.9986, 4.6375



9.9985, 16.9986, 25.5033



18.4433, 16.9986, 47.5473



24.4333, 16.9986, 12.9262

Rectangle

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



14.0673, 16.9986, 4.6375



10.1965, 16.9986, 11.3200



18.4433, 16.9986, 47.5473



24.0781, 16.9986, 28.2347

Sweetspot

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



14.0677, 16.9994, 4.6379



28.7966, 31.9580, 23.8658



8.9432, 5.9517, 2.7755



6.7654, 7.5492, 5.3863



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.



14.0677, 16.9994, 4.6379



24.5216, 30.1465, 5.9408



9.9862, 14.8953, 4.4468



3.9490, 4.2572, 3.9559



14.2268, 17.7385, 2.6740



69.1039, 86.3261, 13.0204

Inverse Universe

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



5.2055, 3.4761, 17.8504



7.3330, 3.8851, 31.6165



7.7705, 4.7984, 17.9705



3.5164, 3.5980, 4.5994



3.6163, 1.4556, 18.6329



17.4031, 6.9801, 90.7903

Previews

White Background



This preview shows how the XYZ color 14.0673, 16.9986, 4.6375 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 14.0673, 16.9986, 4.6375 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 14.0673, 16.9986, 4.6375

Background



This preview shows how black text looks on a background with the XYZ color 14.0673, 16.9986, 4.6375.



This preview shows how white text looks on a background with the XYZ color 14.0673, 16.9986,

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

14.0673, 16.9986, 4.6375

Protanopia

15.4158, 17.0039, 4.4771

Deuteranopia

17.2510, 16.9588, 4.7470



Tritanopia

17.2430, 16.9359, 20.1295

Trichromacy



Original Color

14.0673, 16.9986, 4.6375

Protanomaly

14.7968, 16.8549, 4.4809

Deuteranomaly

16.0140, 16.9712, 4.7172

Tritanomaly

15.6514, 16.7830, 12.3121

Monochromacy



Original Color

14.0673, 16.9986, 4.6375

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.0609, 15.8299, 10.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0673, 16.9986, 4.6375 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(115, 119, 41)` looks like.

```
.text, #text, p{  
    color:rgb(115, 119, 41)  
}
```

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(115, 119, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 119, 41) }
```

Border

The CSS property to change the border of an element to XYZ 14.0673, 16.9986, 4.6375 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(115, 119, 41) }
```


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

```
.border{ border-color:rgb(115, 119, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 119, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 119, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 119, 41);  
box-shadow:4px 4px 4px 4px rgb(115, 119,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0673, 16.9986, 4.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 119, 41) }
```

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

```
.background{ background-color: rgb(115,  
119, 41) }
```

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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