

Converting Colors

XYZ(13.9577, 15.8208, 15.0056)

Have a look what the booklet for
XYZ(13.9577, 15.8208, 15.0056)
contains.

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Color

**XYZ(14.0091, 15.8775,
14.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	677266
RGB	103, 114, 102
RGB Percent	40%, 45%, 40%
CMY	0.5961, 0.5529, 0.6000
CMYK	0.10, 0.00, 0.11, 0.55
HSL	115°, 6%, 42%
HSV	115°, 11%, 45%
XYZ	14.0091, 15.8775, 14.8967
YIQ	109.3430, -2.7040, -6.0640

Conversions

Conversions Part 2

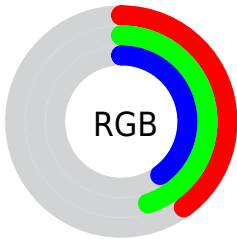
Format	Color
R_{YB}	102, 114, 113
Decimal	6779494
CIE _{Lab}	46.81, -6.63, 5.24
CIE _{LCh}	47, 8.454, 141.671
Yxy	15.8775, 0.3128, 0.3545
Android (android.graphics.Color)	4284969574 (0xFF677266)
YUV	109.3430, -3.6201, -5.5628
Hunter-Lab	39.8466, -6.9752, 5.7270

Details

The XYZ color **14.0091, 15.8775, 14.8967** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5993, 14.2288, 17.8974**, and the grayscale version is **14.6442, 15.4068, 16.7780**.

A 20% lighter version of the original color is **32.7124, 36.4424, 35.4469**, and **4.2687, 5.0130, 4.3571** is the 20% darker color. If you saturate the color by 10%, you get **12.3575, 15.0874, 12.0683**, and if you desaturate by 10%, it is **15.8892, 16.7773, 18.1424**.

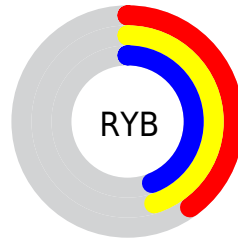
Distribution



Red (40%)

Green (45%)

Blue (40%)



Red (40%)

Yellow (45%)

Blue (44%)

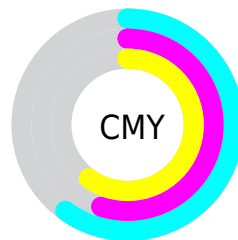


Cyan (10%)

Magenta (0%)

Yellow (11%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0091, 15.8775, 14.8967 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 14.0091, 15.8775, 14.8967 by changing the saturation by 10% instead.

■ 14.0091, 15.8775,
14.8967

■ 14.0091, 15.8775,
14.8967

210.7969,
228.6178, 234.3593

■ 8.2087, 9.4375,
8.6011

■ 32.6913, 36.3854,
35.4116

■ 4.2817, 5.0276,
4.3887

■ 46.3039, 51.2221,
50.4680

■ 1.8627, 2.2635,
1.8409

■ 63.2512, 69.6265,
69.2817

■ 0.5550, 0.7543,
0.4547

■ 83.8986, 91.9830,
92.2713

■ 0.0000, 0.0000,
0.0000

108.6116,
118.6760, 119.8553

137.7554,

150.0899, 152.4523

171.6954,
186.6090, 190.4808

■ 14.0091, 15.8775,
14.8967

■ 14.0091, 15.8775,
14.8967

■ 12.3575, 15.0874,
12.0683

■ 15.8892, 16.7773,
18.1424

■ 10.9245, 14.4010,
9.6393

■ 18.0047, 17.7887,
21.8202

■ 9.7013, 13.8144,
7.5921

■ 20.3638, 18.9160,
25.9457

■ 8.6779, 13.3231,
5.9071

■ 22.9740, 20.1627,
30.5331

■ 7.8438, 12.9220,
4.5634

■ 25.8423, 21.5323,
35.5961

■ 7.1872, 12.6055,
3.5376

■ 28.9756, 23.0280,
41.1479

■ 6.6953, 12.3676,
2.8035

■ 32.3806, 24.6528,
47.2011

■ 6.3532, 12.2014,
2.3308

■ 36.0634, 26.4098,
53.7679

■ 6.1365, 12.0965,
2.0114

■ 40.0303, 28.3020,
60.8600

Harmonies

Analogous

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



14.5751, 15.8775, 13.7919



14.0091, 15.8775, 14.8967



13.7351, 15.8775, 16.7080

Triad

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



14.0091, 15.8775, 14.8967



14.8872, 15.8775, 21.6111



16.4433, 15.8775, 15.8356

Complementary

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



14.0091, 15.8775, 14.8967



14.5993, 14.2288, 17.8974

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.



16.5335, 15.8775, 17.8810



14.0091, 15.8775, 14.8967



15.6191, 15.8775, 21.3298

Square

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



14.0091, 15.8775, 14.8967



14.2313, 15.8775, 20.6622



16.2274, 15.8775, 19.9222



15.9849, 15.8775, 14.3025

Rectangle

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



14.0091, 15.8775, 14.8967



13.7486, 15.8775, 18.1199



16.2274, 15.8775, 19.9222



16.5182, 15.8775, 16.4818

Sweetspot

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



14.0095, 15.8782, 14.8970



27.0397, 29.0599, 30.3549



15.2435, 16.3478, 14.9226



6.1986, 6.6943, 6.9253



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.



14.0095, 15.8782, 14.8970



23.7630, 27.4923, 24.7092



14.1512, 15.9217, 16.2377



3.3685, 3.7753, 3.6245



6.8234, 13.4613, 2.2387



33.6688, 66.8909, 11.1367

Inverse Universe

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



14.5993, 14.2288, 17.8974



25.0519, 23.8879, 31.2659



14.4517, 14.1847, 16.4448



3.4884, 3.4400, 4.2344



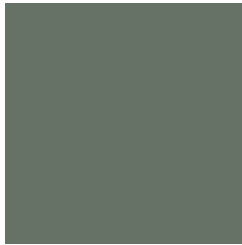
9.7951, 4.6590, 18.1046



48.4419, 23.0271, 90.1706

Previews

White Background



This preview shows how the XYZ color 14.0091, 15.8775, 14.8967 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 14.0091, 15.8775, 14.8967 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 14.0091, 15.8775, 14.8967

Background



This preview shows how black text looks on a background with the XYZ color 14.0091, 15.8775, 14.8967.



This preview shows how white text looks on a background with the XYZ color 14.0091, 15.8775,

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

14.0091, 15.8775, 14.8967

Protanopia

14.9464, 15.7168, 14.3025

Deuteranopia

16.0181, 15.7797, 15.0335



Tritanopia

15.0185, 15.7891, 20.0253

Trichromacy



Original Color

14.0091, 15.8775, 14.8967

Protanomaly

14.5889, 15.6880, 14.5711

Deuteranomaly

15.2266, 15.8441, 15.0877

Tritanomaly

14.6005, 15.7839, 17.8998

Monochromacy



Original Color

14.0091, 15.8775, 14.8967

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3494, 15.5353, 15.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0091, 15.8775, 14.8967 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(103, 114, 102)` looks like.

```
.text, #text, p{  
    color:rgb(103, 114, 102)  
}
```

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(103, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 114, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.0091, 15.8775, 14.8967 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(103, 114, 102) }
```


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

```
.border{ border-color:rgb(103, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(103, 114,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0091, 15.8775, 14.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 114, 102) }
```

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

```
.background{ background-color: rgb(103,  
114, 102) }
```

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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