

Converting Colors

XYZ(14.8584, 15.1877, 14.7188)

Have a look what the booklet for
XYZ(14.8584, 15.1877, 14.7188)
contains.

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Color

**XYZ(14.8584, 15.1877,
14.7188)**

Conversions

Conversions Part 1

Format	Color
Hex	746B66
RGB	116, 107, 102
RGB Percent	45%, 42%, 40%
CMY	0.5451, 0.5804, 0.6000
CMYK	0.00, 0.08, 0.12, 0.55
HSL	21°, 6%, 43%
HSV	21°, 12%, 45%
XYZ	14.8584, 15.1877, 14.7188
YIQ	109.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

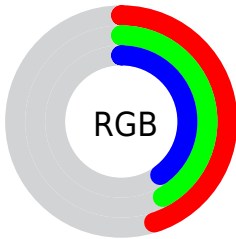
Format	Color
R_{YB}	116, 110, 102
Decimal	7629670
CIE Lab	45.89, 2.58, 4.06
CIE LCh	46, 4.813, 57.582
Yxy	15.1877, 0.3319, 0.3393
Android (android.graphics.Color)	4285819750 (0xFF746B66)
YUV	109.1210, -3.5107, 6.0329
Hunter-Lab	38.9714, -0.1443, 4.8872

Details

The XYZ color **14.8584, 15.1877, 14.7188** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3162, 15.4543, 18.7515**, and the grayscale version is **14.5788, 15.3380, 16.7031**.

A 20% lighter version of the original color is **34.1251, 35.0785, 35.1092**, and **4.6893, 4.7365, 4.2815** is the 20% darker color. If you saturate the color by 10%, you get **13.5790, 13.4859, 11.6499**, and if you desaturate by 10%, it is **16.2862, 17.0571, 18.2347**.

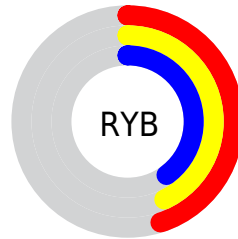
Distribution



Red (45%)

Green (42%)

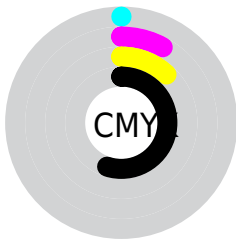
Blue (40%)



Red (45%)

Yellow (43%)

Blue (40%)

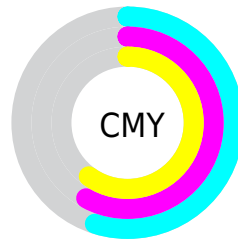


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (55%)



Cyan (55%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8584, 15.1877, 14.7188 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 14.8584, 15.1877, 14.7188 by changing the saturation by 10% instead.

■ 14.8584, 15.1877,
14.7188

■ 14.8584, 15.1877,
14.7188

215.9130,
224.4995, 233.2397

■ 8.8057, 8.9512,
8.4778

■ 34.1783, 35.1821,
35.0944

■ 4.6708, 4.7094,
4.3101

■ 48.1762, 49.7089,
50.0661

■ 2.0882, 2.0778,
1.7969

■ 65.5533, 67.7678,
68.7852

■ 0.6828, 0.6521,
0.4259

■ 86.6748, 89.7434,
91.6702

■ 0.0000, 0.0000,
0.0000

111.9062,
116.0199, 119.1396

141.6128,

146.9819, 151.6119

176.1599,
183.0136, 189.5058

■ 14.8584, 15.1877,
14.7188

■ 14.8584, 15.1877,
14.7188

■ 13.5790, 13.4859,
11.6499

■ 16.2862, 17.0571,
18.2347

■ 12.4417, 11.9450,
9.0091

■ 17.8659, 19.0966,
22.2138

■ 11.4417, 10.5607,
6.7772

■ 19.6025, 21.3113,
26.6725

■ 10.5732, 9.3279,
4.9336

■ 21.5002, 23.7051,
31.6261

■ 9.8302, 8.2411,
3.4555

■ 23.5633, 26.2823,
37.0893

■ 9.2061, 7.2944,
2.3180

■ 25.7958, 29.0466,
43.0761

■ 8.6935, 6.4814,
1.4927

■ 28.2014, 32.0018,
49.6002

■ 8.2839, 5.7952,
0.9462

■ 30.7840, 35.1516,
56.6744

■ 8.0110, 5.3301,
0.6066

■ 33.5472, 38.4995,
64.3114

Harmonies

Analogous

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



15.1391, 15.1877, 15.5222



14.8584, 15.1877, 14.7188



14.4684, 15.1877, 14.4003

Triad

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



14.8584, 15.1877, 14.7188



13.6688, 15.1877, 16.4426



14.8003, 15.1877, 18.6006

Complementary

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



14.8584, 15.1877, 14.7188



14.3162, 15.4543, 18.7515

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.



14.4025, 15.1877, 18.8749



14.8584, 15.1877, 14.7188



13.7539, 15.1877, 17.5947

Square

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



14.8584, 15.1877, 14.7188



13.7859, 15.1877, 15.3660



14.0206, 15.1877, 18.4987



15.1051, 15.1877, 17.7657

Rectangle

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



14.8584, 15.1877, 14.7188



14.2007, 15.1877, 14.4940



14.0206, 15.1877, 18.4987



14.6728, 15.1877, 18.7631

Sweetspot

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



14.8588, 15.1884, 14.7191



28.0967, 29.2914, 30.7320



14.8287, 14.3659, 17.0593



6.6638, 6.9369, 7.2347



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

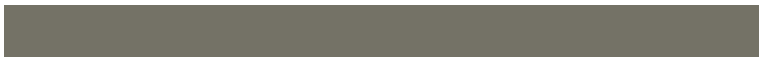
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8588, 15.1884, 14.7191



25.5822, 25.9887, 24.5720



15.6069, 16.6845, 14.9685



3.7811, 3.8953, 3.8949



8.9736, 5.9485, 0.6752



42.9853, 27.4990, 3.0423

Inverse Universe

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



14.3162, 15.4543, 18.7515



24.4645, 26.5361, 32.8771



13.5925, 14.0067, 18.5102



3.6785, 3.9456, 4.6579



6.3096, 6.9588, 19.5532



29.9161, 32.2487, 95.0082

Previews

White Background



This preview shows how the XYZ color 14.8584, 15.1877, 14.7188 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 14.8584, 15.1877, 14.7188 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 14.8584, 15.1877, 14.7188

Background



This preview shows how black text looks on a background with the XYZ color 14.8584, 15.1877, 14.7188.



This preview shows how white text looks on a background with the XYZ color 14.8584, 15.1877,

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

14.8584, 15.1877, 14.7188

Protanopia

14.4928, 15.1491, 14.9922

Deuteranopia

15.4759, 15.2000, 14.6886



Tritanopia

15.5601, 15.1696, 18.0275

Trichromacy



Original Color

14.8584, 15.1877, 14.7188

Protanomaly

14.6208, 15.2151, 14.9982

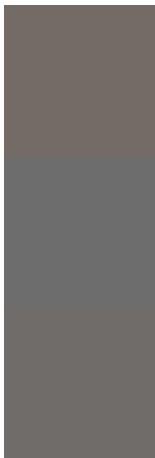
Deuteranomaly

15.2980, 15.2604, 14.7096

Tritanomaly

15.3046, 15.2158, 16.8821

Monochromacy



Original Color

14.8584, 15.1877, 14.7188

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6462, 15.2105, 15.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8584, 15.1877, 14.7188 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, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(116, 107, 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(116, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 107, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.8584, 15.1877, 14.7188 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, 107, 102) }
```


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

```
.border{ border-color:rgb(116, 107, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 107, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(116, 107,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8584, 15.1877, 14.7188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 107, 102) }
```

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

```
.background{ background-color: rgb(116,  
107, 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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