

Converting Colors

XYZ(14.6616, 16.6889, 16.6359)

Have a look what the booklet for
XYZ(14.6616, 16.6889, 16.6359)
contains.

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Color

**XYZ(14.6616, 16.6889,
16.6359)**

Conversions

Conversions Part 1

Format	Color
Hex	67756C
RGB	103, 117, 108
RGB Percent	40%, 46%, 42%
CMY	0.5961, 0.5412, 0.5765
CMYK	0.12, 0.00, 0.08, 0.54
HSL	141°, 6%, 43%
HSV	141°, 12%, 46%
XYZ	14.6616, 16.6889, 16.6359
YIQ	111.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

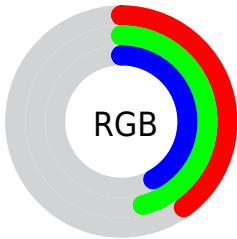
Format	Color
R_{YB}	103, 113, 117
Decimal	6780268
CIE _{Lab}	47.87, -7.13, 3.19
CIE _{LCh}	48, 7.811, 155.871
Yxy	16.6889, 0.3055, 0.3478
Android (android.graphics.Color)	4284970348 (0xFF67756C)
YUV	111.7880, -1.8675, -7.7071
Hunter-Lab	40.8521, -7.4283, 4.4522

Details

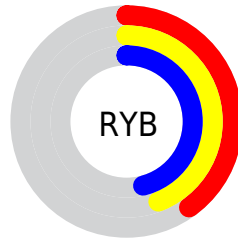
The XYZ color **14.6616, 16.6889, 16.6359** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1116, 14.6527, 17.3618**, and the grayscale version is **15.3458, 16.1450, 17.5819**.

A 20% lighter version of the original color is **33.7724, 37.7492, 38.3072**, and **4.6013, 5.4339, 5.2212** is the 20% darker color. If you saturate the color by 10%, you get **13.0292, 15.8921, 14.5592**, and if you desaturate by 10%, it is **16.5173, 17.5978, 18.9041**.

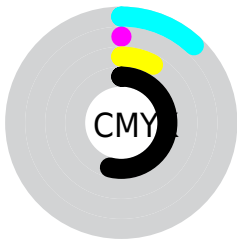
Distribution



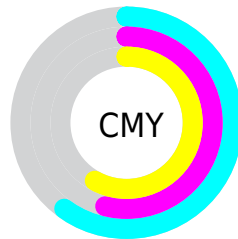
- Red (40%)
- Green (46%)
- Blue (42%)



- Red (40%)
- Yellow (44%)
- Blue (46%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (60%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6616, 16.6889, 16.6359 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 14.6616, 16.6889, 16.6359 by changing the saturation by 10% instead.

■ 14.6616, 16.6889,
16.6359

■ 14.6616, 16.6889,
16.6359

214.7380,
233.3732, 245.0379

■ 8.6670, 10.0129,
9.8160

■ 33.8350, 37.7901,
38.4807

■ 4.5800, 5.4075,
5.1731

■ 47.7445, 52.9841,
54.3428

■ 2.0352, 2.4883,
2.2887

■ 65.0230, 71.7863,
74.0559

■ 0.6536, 0.8708,
0.7249

■ 86.0358, 94.5810,
98.0388

■ 0.0000, 0.0000,
0.0000

111.1484,
121.7527, 126.7099

140.7260,

153.6857, 160.4877

175.1341,
190.7644, 199.7909

■ 14.6616, 16.6889,
16.6359

■ 14.6616, 16.6889,
16.6359

■ 13.0292, 15.8921,
14.5592

■ 16.5173, 17.5978,
18.9041

■ 11.6101, 15.2009,
12.6680

■ 18.6031, 18.6207,
21.3674

■ 10.3956, 14.6114,
10.9575

■ 20.9272, 19.7622,
24.0308

■ 9.3757, 14.1186,
9.4223

■ 23.4968, 21.0261,
26.8987

■ 8.5398, 13.7170,
8.0567

■ 26.3191, 22.4159,
29.9755

■ 7.8759, 13.4007,
6.8548

■ 29.4009, 23.9349,
33.2652

■ 7.3709, 13.1629,
5.8103

■ 32.7485, 25.5866,
36.7719

■ 7.0092, 12.9959,
4.9163

■ 36.3683, 27.3739,
40.4996

■ 6.7757, 12.8889,
4.3008

■ 40.2663, 29.2999,
44.4520

Harmonies

Analogous

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



15.0841, 16.6889, 15.2143



14.6616, 16.6889, 16.6359



14.5566, 16.6889, 18.5698

Triad

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



14.6616, 16.6889, 16.6359



16.0008, 16.6889, 22.2961



16.9819, 16.6889, 15.9982

Complementary

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



14.6616, 16.6889, 16.6359



15.1116, 14.6527, 17.3618

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.



17.2438, 16.6889, 17.7787



14.6616, 16.6889, 16.6359



16.6668, 16.6889, 21.4887

Square

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



14.6616, 16.6889, 16.6359



15.3167, 16.6889, 21.9341



17.1268, 16.6889, 19.7985



16.4207, 16.6889, 14.8656

Rectangle

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



14.6616, 16.6889, 16.6359



14.6781, 16.6889, 19.9116



17.1268, 16.6889, 19.7985



17.1086, 16.6889, 16.5356

Sweetspot

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



14.6621, 16.6896, 16.6363



28.8324, 31.1464, 32.9534



15.5050, 17.1540, 15.3260



6.5795, 7.1368, 7.5166



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.



14.6621, 16.6896, 16.6363



25.5184, 29.5250, 28.8679



15.0441, 16.8424, 18.6483



3.6897, 4.1178, 4.1996



7.4579, 14.1972, 4.7016



35.9678, 69.0344, 20.9333

Inverse Universe

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



15.1116, 14.6527, 17.3618



26.4692, 25.2163, 30.4023



14.7418, 14.5048, 15.4146



3.7738, 3.7368, 4.3354



9.4829, 4.7269, 7.7508



45.7916, 22.8668, 35.5617

Previews

White Background



This preview shows how the XYZ color 14.6616, 16.6889, 16.6359 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 14.6616, 16.6889, 16.6359 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

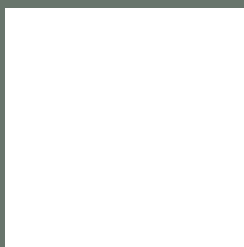
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6616, 16.6889, 16.6359

Background



This preview shows how black text looks on a background with the XYZ color 14.6616, 16.6889, 16.6359.



This preview shows how white text looks on a background with the XYZ color 14.6616, 16.6889,

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

14.6616, 16.6889, 16.6359

Protanopia

15.8428, 16.6328, 16.0111

Deuteranopia

16.9404, 16.6916, 16.7969



Tritanopia

15.7127, 16.7809, 21.4797

Trichromacy



Original Color

14.6616, 16.6889, 16.6359

Protanomaly

15.3532, 16.5409, 16.2934

Deuteranomaly

16.1367, 16.7659, 16.8537

Tritanomaly

15.3411, 16.8020, 19.5741

Monochromacy



Original Color

14.6616, 16.6889, 16.6359

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1932, 16.4335, 17.4101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6616, 16.6889, 16.6359 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, 117, 108)` looks like.

```
.text, #text, p{  
    color:rgb(103, 117, 108)  
}
```

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, 117, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 117, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.6616, 16.6889, 16.6359 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, 117, 108) }
```


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

```
.border{ border-color:rgb(103, 117, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 117, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 117, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 117, 108);  
box-shadow:4px 4px 4px 4px rgb(103, 117,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6616, 16.6889, 16.6359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 117, 108) }
```

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

```
.background{ background-color: rgb(103,  
117, 108) }
```

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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