

Converting Colors

XYZ(14.6558, 16.3398, 16.8012)

Have a look what the booklet for
XYZ(14.6558, 16.3398, 16.8012)
contains.

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Color

**XYZ(14.7167, 16.3689,
16.8518)**

Conversions

Conversions Part 1

Format	Color
Hex	69736D
RGB	105, 115, 109
RGB Percent	41%, 45%, 43%
CMY	0.5882, 0.5490, 0.5725
CMYK	0.09, 0.00, 0.05, 0.55
HSL	144°, 5%, 43%
HSV	144°, 9%, 45%
XYZ	14.7167, 16.3689, 16.8518
YIQ	111.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

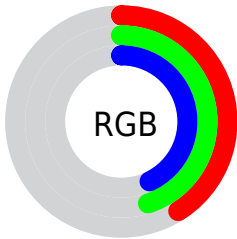
Format	Color
RYB	105, 112, 115
Decimal	6910829
CIELab	47.45, -5.02, 2.02
CIElCh	47, 5.415, 158.048
Yxy	16.3689, 0.3070, 0.3415
Android (android.graphics.Color)	4285100909 (0xFF69736D)
YUV	111.3260, -1.1467, -5.5479
Hunter-Lab	40.4585, -5.8733, 3.6254

Details

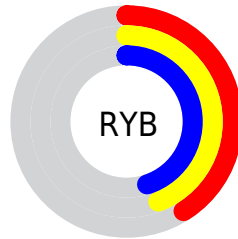
The XYZ color **14.7167, 16.3689, 16.8518** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9916, 14.8960, 17.1247**, and the grayscale version is **15.2086, 16.0006, 17.4247**.

A 20% lighter version of the original color is **33.8742, 37.2434, 38.6610**, and **4.6216, 5.2617, 5.3294** is the 20% darker color. If you saturate the color by 10%, you get **13.0993, 15.5768, 14.9125**, and if you desaturate by 10%, it is **16.5469, 17.2682, 18.9540**.

Distribution



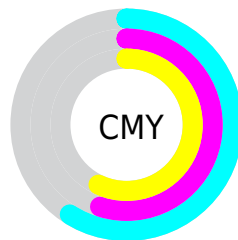
- Red (41%)
- Green (45%)
- Blue (43%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7167, 16.3689, 16.8518 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 14.7167, 16.3689, 16.8518 by changing the saturation by 10% instead.

■ 14.7167, 16.3689,
16.8518

■ 14.7167, 16.3689,
16.8518

215.0676,
231.5088, 246.3319

■ 8.7058, 9.7856,
9.9680

■ 33.9312, 37.2375,
38.8579

■ 4.6054, 5.2570,
5.2724

■ 47.8655, 52.2915,
54.8174

■ 2.0500, 2.3988,
2.3465

■ 65.1716, 70.9378,
74.6392

■ 0.6618, 0.8253,
0.7571

■ 86.2150, 93.5610,
98.7419

■ 0.0000, 0.0000,
0.0000

111.3609,
120.5452, 127.5439

140.9747,

152.2750, 161.4639

175.4218,
189.1347, 200.9204

■ 14.7167, 16.3689,
16.8518

■ 14.7167, 16.3689,
16.8518

■ 13.0993, 15.5768,
14.9125

■ 16.5469, 17.2682,
18.9540

■ 11.6853, 14.8858,
13.1313

■ 18.5961, 18.2766,
21.2218

■ 10.4669, 14.2925,
11.5044

■ 20.8718, 19.3981,
23.6590

■ 9.4348, 13.7920,
10.0277

■ 23.3809, 20.6364,
26.2693

■ 8.5793, 13.3796,
8.6969

■ 26.1298, 21.9947,
29.0560

■ 7.8897, 13.0497,
7.5073

■ 29.1249, 23.4762,
32.0223

■ 7.3538, 12.7962,
6.4541

■ 32.3722, 25.0839,
35.1715

■ 6.9580, 12.6121,
5.5323

■ 35.8774, 26.8207,
38.5066

■ 6.6608, 12.4762,
4.7350

■ 39.6463, 28.6895,
42.0307

Harmonies

Analogous

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



14.9955, 16.3689, 15.8190



14.7167, 16.3689, 16.8518



14.6610, 16.3689, 18.1960

Triad

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



14.7167, 16.3689, 16.8518



15.6879, 16.3689, 20.5739



16.2973, 16.3689, 16.2411

Complementary

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



14.7167, 16.3689, 16.8518



14.9916, 14.8960, 17.1247

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.



16.4912, 16.3689, 17.4550



14.7167, 16.3689, 16.8518



16.1347, 16.3689, 19.9894

Square

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



14.7167, 16.3689, 16.8518



15.2152, 16.3689, 20.3920



16.4311, 16.3689, 18.8307



15.9062, 16.3689, 15.4793

Rectangle

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



14.7167, 16.3689, 16.8518



14.7568, 16.3689, 19.0966



16.4311, 16.3689, 18.8307



16.3880, 16.3689, 16.6073

Sweetspot

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



14.7172, 16.3696, 16.8522



28.1459, 30.1917, 32.2540



15.2577, 16.6726, 15.7786



6.6587, 7.1752, 7.6304



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.



14.7172, 16.3696, 16.8522



25.8745, 29.0768, 29.6129



14.9847, 16.4766, 18.2613



3.6957, 4.1202, 4.2314



7.5621, 14.2388, 5.2502



36.4521, 69.2281, 23.4835

Inverse Universe

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



14.9916, 14.8960, 17.1247



26.4485, 25.9949, 30.1829



14.7325, 14.7923, 15.7600



3.7676, 3.7343, 4.3028



9.3003, 4.6538, 6.7896



44.8900, 22.5061, 30.8139

Previews

White Background



This preview shows how the XYZ color 14.7167, 16.3689, 16.8518 looks on a white background.

Color Contrast Check

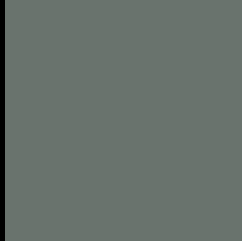
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7167, 16.3689, 16.8518 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

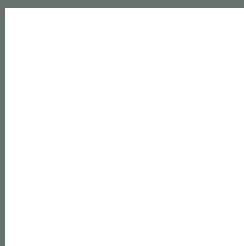
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7167, 16.3689, 16.8518

Background



This preview shows how black text looks on a background with the XYZ color 14.7167, 16.3689, 16.8518.

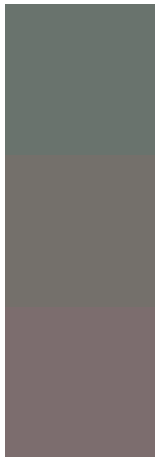


This preview shows how white text looks on a background with the XYZ color 14.7167, 16.3689,

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

14.7167, 16.3689, 16.8518

Protanopia

15.6505, 16.3629, 16.2434

Deuteranopia

16.5953, 16.3482, 17.0327



Tritanopia

15.4814, 16.3412, 20.7506

Trichromacy



Original Color

14.7167, 16.3689, 16.8518

Protanomaly

15.2940, 16.3377, 16.5348

Deuteranomaly

15.8350, 16.2766, 17.0589

Tritanomaly

15.1721, 16.3832, 19.1922

Monochromacy



Original Color

14.7167, 16.3689, 16.8518

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 14.7167, 16.3689, 16.8518 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, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(105, 115, 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, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 115, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.7167, 16.3689, 16.8518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

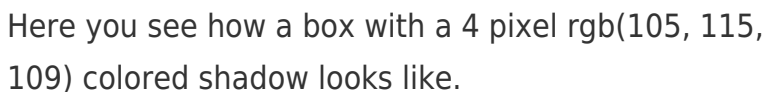
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 115, 109) }
```


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

```
.border{ border-color:rgb(105, 115, 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, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 115, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 115, 109); box-shadow:4px 4px 4px 4px rgb(105, 115, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7167, 16.3689, 16.8518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 115, 109) }
```

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

```
.background{ background-color: rgb(105,  
115, 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](#).

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