

Converting Colors

XYZ(15.0164, 14.6350, 16.1016)

Have a look what the booklet for
XYZ(15.0164, 14.6350, 16.1016)
contains.

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Color

**XYZ(15.0282, 14.6348,
16.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	76676C
RGB	118, 103, 108
RGB Percent	46%, 40%, 42%
CMY	0.5373, 0.5961, 0.5765
CMYK	0.00, 0.13, 0.08, 0.54
HSL	340°, 7%, 43%
HSV	340°, 13%, 46%
XYZ	15.0282, 14.6348, 16.2201
YIQ	108.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

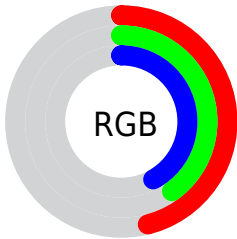
Format	Color
RYB	118, 103, 108
Decimal	7759724
CIELab	45.13, 6.88, -0.63
CIELCh	45, 6.908, 354.807
Yxy	14.6348, 0.3275, 0.3190
Android (android.graphics.Color)	4285949804 (0xFF76676C)
YUV	108.0550, -0.0271, 8.7218
Hunter-Lab	38.2555, 3.1745, 1.6402

Details

The XYZ color **15.0282, 14.6348, 16.2201** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0531, 17.0329, 18.1178**, and the grayscale version is **14.2683, 15.0113, 16.3474**.

A 20% lighter version of the original color is **34.3912, 34.1605, 37.5819**, and **4.7823, 4.4674, 5.0251** is the 20% darker color. If you saturate the color by 10%, you get **13.5364, 12.2912, 13.7494**, and if you desaturate by 10%, it is **16.7243, 17.3261, 18.9458**.

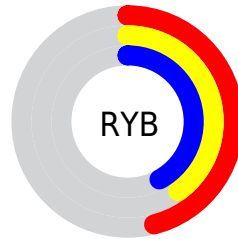
Distribution



Red (46%)

Green (40%)

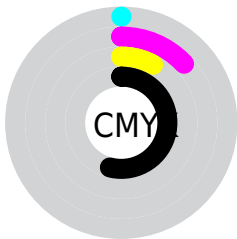
Blue (42%)



Red (46%)

Yellow (40%)

Blue (42%)

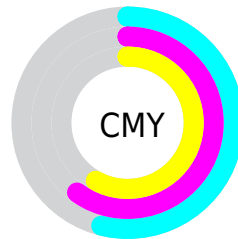


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (54%)



Cyan (54%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0282, 14.6348, 16.2201 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 15.0282, 14.6348, 16.2201 by changing the saturation by 10% instead.

■ 15.0282, 14.6348,
16.2201

■ 15.0282, 14.6348,
16.2201

216.9218,
221.1450, 242.5269

■ 8.9256, 8.5635,
9.5240

■ 34.4739, 34.2112,
37.7520

■ 4.7494, 4.4576,
4.9831

■ 48.5477, 48.4851,
53.4248

■ 2.1342, 1.9327,
2.1788

■ 66.0093, 66.2620,
72.9270

■ 0.7077, 0.5679,
0.6621

■ 87.2241, 87.9263,
96.6771

■ 0.0000, 0.0000,
0.0000

112.5574,
113.8623, 125.0936

142.3745,

144.4545, 158.5950

177.0409,
180.0873, 197.5999

■ 15.0282, 14.6348,
16.2201

■ 15.0282, 14.6348,
16.2201

■ 13.5364, 12.2912,
13.7494

■ 16.7243, 17.3261,
18.9458

■ 12.2398, 10.2792,
11.5251

■ 18.6309, 20.3766,
21.9326

■ 11.1303, 8.5843,
9.5397

■ 20.7555, 23.7996,
25.1879

■ 10.1989, 7.1901,
7.7847

■ 23.1048, 27.6071,
28.7183

■ 9.4357, 6.0786,
6.2513

■ 25.6853, 31.8107,
32.5301

■ 8.8300, 5.2303,
4.9300

■ 28.5032, 36.4213,
36.6296

■ 8.3695, 4.6226,
3.8104

■ 31.5643, 41.4495,
41.0227

■ 8.0394, 4.2282,
2.8809

■ 34.8745, 46.9056,
45.7153

■ 7.8428, 4.0002,
2.3063

■ 38.4392, 52.7994,
50.7130

Harmonies

Analogous

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



14.8233, 14.6348, 17.8097



15.0282, 14.6348, 16.2201



14.9269, 14.6348, 14.6560

Triad

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



15.0282, 14.6348, 16.2201



13.4559, 14.6348, 13.2565



13.2889, 14.6348, 18.6350

Complementary

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



15.0282, 14.6348, 16.2201



15.0531, 17.0329, 18.1178

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.



12.9403, 14.6348, 17.2859



15.0282, 14.6348, 16.2201



13.0349, 14.6348, 14.1963

Square

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



15.0282, 14.6348, 16.2201



14.0092, 14.6348, 13.0136



12.8486, 14.6348, 15.6529



13.8111, 14.6348, 19.2634

Rectangle

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



15.0282, 14.6348, 16.2201



14.7007, 14.6348, 13.8271



12.8486, 14.6348, 15.6529



13.1481, 14.6348, 18.2465

Sweetspot

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



15.0286, 14.6354, 16.2204



28.9703, 29.7698, 32.6193



14.9308, 14.5200, 19.1552



6.6160, 6.7733, 7.4283



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.



15.0286, 14.6354, 16.2204



25.6917, 24.5771, 27.3200



15.0225, 15.0368, 14.9435



3.7296, 3.7191, 4.1031



8.4794, 4.3255, 2.4665



40.9605, 20.9343, 10.1215

Inverse Universe

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



15.0286, 14.6354, 16.2204



25.6917, 24.5771, 27.3200



15.0519, 16.5677, 19.5441



3.7296, 3.7191, 4.1031



8.4794, 4.3255, 2.4665



40.9605, 20.9343, 10.1215

Previews

White Background



This preview shows how the XYZ color 15.0282, 14.6348, 16.2201 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 15.0282, 14.6348, 16.2201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

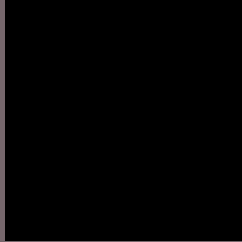
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0282, 14.6348, 16.2201

Background



This preview shows how black text looks on a background with the XYZ color 15.0282, 14.6348, 16.2201.



This preview shows how white text looks on a background with the XYZ color 15.0282, 14.6348,

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

15.0282, 14.6348, 16.2201

Protanopia

14.1528, 14.6220, 16.8282

Deuteranopia

14.9932, 14.7652, 16.2471



Tritanopia

15.1907, 14.6997, 17.0756

Trichromacy



Original Color

15.0282, 14.6348, 16.2201

Protanomaly

14.4940, 14.6520, 16.5322

Deuteranomaly

14.9932, 14.7652, 16.2471

Tritanomaly

15.1359, 14.6778, 16.7872

Monochromacy



Original Color

15.0282, 14.6348, 16.2201

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5429, 14.8355, 16.2844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0282, 14.6348, 16.2201 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(118, 103, 108)` looks like.

```
.text, #text, p{  
    color:rgb(118, 103, 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(118, 103, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 103, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.0282, 14.6348, 16.2201 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(118, 103, 108) }
```


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

```
.border{ border-color:rgb(118, 103, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 103, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 103, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 103, 108);  
box-shadow:4px 4px 4px 4px rgb(118, 103,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0282, 14.6348, 16.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 103, 108) }
```

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

```
.background{ background-color: rgb(118,  
103, 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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