

Converting Colors

XYZ(15.4260, 15.6331, 15.9917)

Have a look what the booklet for
XYZ(15.4260, 15.6331, 15.9917)
contains.

XYZ(15.4876, 15.6382, 16.1121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.4876, 15.6382,
16.1121)**

Conversions

Conversions Part 1

Format	Color
Hex	766C6B
RGB	118, 108, 107
RGB Percent	46%, 42%, 42%
CMY	0.5373, 0.5765, 0.5804
CMYK	0.00, 0.08, 0.09, 0.54
HSL	5°, 5%, 44%
HSV	5°, 9%, 46%
XYZ	15.4876, 15.6382, 16.1121
YIQ	110.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

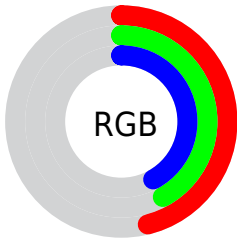
Format	Color
R_{YB}	118, 108, 107
Decimal	7761003
CIE Lab	46.50, 3.72, 1.97
CIE LCh	46, 4.206, 27.873
Yxy	15.6382, 0.3279, 0.3311
Android (android.graphics.Color)	4285951083 (0xFF766C6B)
YUV	110.8760, -1.9109, 6.2477
Hunter-Lab	39.5452, 0.7043, 3.5248

Details

The XYZ color **15.4876, 15.6382, 16.1121** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6946, 17.1561, 19.6239**, and the grayscale version is **15.0779, 15.8631, 17.2750**.

A 20% lighter version of the original color is **35.1473, 35.8109, 37.4075**, and **5.0101, 4.9658, 4.9694** is the 20% darker color. If you saturate the color by 10%, you get **13.8464, 13.2823, 12.7083**, and if you desaturate by 10%, it is **17.3536, 18.3077, 20.0092**.

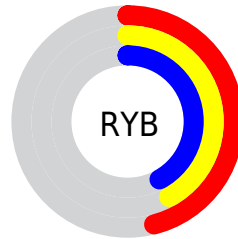
Distribution



Red (46%)

Green (42%)

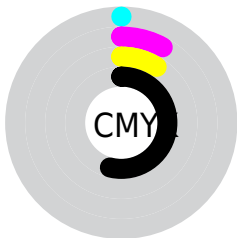
Blue (42%)



Red (46%)

Yellow (42%)

Blue (42%)

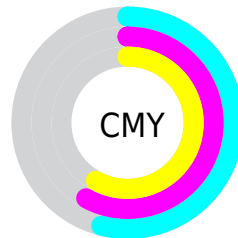


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4876, 15.6382, 16.1121 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 15.4876, 15.6382, 16.1121 by changing the saturation by 10% instead.

■ 15.4876, 15.6382,
16.1121

■ 15.4876, 15.6382,
16.1121

219.6292,
227.1972, 241.8705

■ 9.2508, 9.2685,
9.4483

■ 35.2710, 35.9690,
37.5622

■ 4.9636, 4.9167,
4.9339

■ 49.5484, 50.6988,
53.1856

■ 2.2604, 2.1985,
2.1505

■ 67.2367, 68.9841,
72.6326

■ 0.7743, 0.7192,
0.6456

■ 88.7012, 91.2094,
96.3217

■ 0.0000, 0.0000,
0.0000

114.3074,
117.7589, 124.6715

144.4205,

149.0171, 158.1006

179.4060,
185.3685, 197.0274

■ 15.4876, 15.6382,
16.1121

■ 15.4876, 15.6382,
16.1121

■ 13.8464, 13.2823,
12.7083

■ 17.3536, 18.3077,
20.0092

■ 12.4203, 11.2266,
9.7773

■ 19.4511, 21.2996,
24.4172

■ 11.2006, 9.4595,
7.2983

■ 21.7880, 24.6248,
29.3540

■ 10.1778, 7.9682,
5.2490

■ 24.3717, 28.2933,
34.8363

■ 9.3416, 6.7387,
3.6047

■ 27.2092, 32.3145,
40.8801

■ 8.6806, 5.7558,
2.3386

■ 30.3069, 36.6974,
47.5008

■ 8.1822, 5.0029,
1.4206

■ 33.6715, 41.4509,
54.7131

■ 7.8322, 4.4612,
0.8157

■ 37.3090, 46.5833,
62.5312

■ 7.6009, 4.1038,
0.4145

■ 41.2256, 52.1029,
70.9688

Harmonies

Analogous

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



15.5703, 15.6382, 17.1015



15.4876, 15.6382, 16.1121



15.2370, 15.6382, 15.3940

Triad

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



15.4876, 15.6382, 16.1121



14.2818, 15.6382, 15.9889



14.8378, 15.6382, 19.0985

Complementary

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



15.4876, 15.6382, 16.1121



15.6946, 17.1561, 19.6239

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.



14.4965, 15.6382, 18.7723



15.4876, 15.6382, 16.1121



14.1787, 15.6382, 16.9534

Square

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



15.4876, 15.6382, 16.1121



14.5405, 15.6382, 15.3249



14.2567, 15.6382, 17.9766



15.1915, 15.6382, 18.8514

Rectangle

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



15.4876, 15.6382, 16.1121



15.0104, 15.6382, 15.1514



14.2567, 15.6382, 17.9766



14.7179, 15.6382, 19.0520

Sweetspot

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



15.4880, 15.6389, 16.1124



29.2350, 30.3640, 32.5074



15.9449, 15.6535, 19.0365



6.6677, 6.9040, 7.3613



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.



15.4880, 15.6389, 16.1124



26.6389, 26.6467, 27.0952



16.0770, 16.8167, 16.3087



3.7083, 3.7496, 3.8706



8.2042, 4.4097, 0.4187



39.6903, 20.9091, 1.9440

Inverse Universe

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



15.6946, 17.1561, 19.6239



27.0726, 29.8321, 34.4683



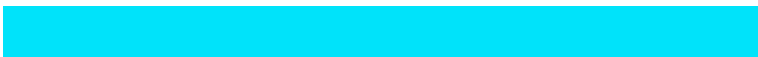
15.0819, 15.9306, 19.4197



3.7562, 4.1010, 4.6838



9.2493, 12.8382, 20.5331



44.7448, 61.9062, 99.9511

Previews

White Background



This preview shows how the XYZ color 15.4876, 15.6382, 16.1121 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 15.4876, 15.6382, 16.1121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

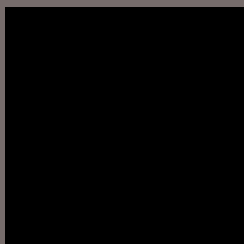
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4876, 15.6382, 16.1121

Background



This preview shows how black text looks on a background with the XYZ color 15.4876, 15.6382, 16.1121.



This preview shows how white text looks on a background with the XYZ color 15.4876, 15.6382,

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

15.4876, 15.6382, 16.1121

Protanopia

15.0928, 15.7453, 16.4310

Deuteranopia

15.9376, 15.7145, 16.1031



Tritanopia

15.9600, 15.6751, 18.4041

Trichromacy



Original Color

15.4876, 15.6382, 16.1121

Protanomaly

15.2456, 15.6648, 16.4074

Deuteranomaly

15.7967, 15.6419, 16.0965

Tritanomaly

15.7901, 15.6072, 17.5095

Monochromacy



Original Color

15.4876, 15.6382, 16.1121

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3298, 15.8551, 17.0042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4876, 15.6382, 16.1121 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, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(118, 108, 107)  
}
```

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, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 108, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.4876, 15.6382, 16.1121 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, 108, 107) }
```


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

```
.border{ border-color:rgb(118, 108, 107) }
```

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

Here you see how a box with a 4 pixel rgb(118, 108, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(118, 108,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4876, 15.6382, 16.1121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 108, 107) }
```

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

```
.background{ background-color: rgb(118,  
108, 107) }
```

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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