

Converting Colors

XYZ(15.6345, 15.9428, 15.6391)

Have a look what the booklet for
XYZ(15.6345, 15.9428, 15.6391)
contains.

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Color

**XYZ(15.6262, 15.8791,
15.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	776D69
RGB	119, 109, 105
RGB Percent	47%, 43%, 41%
CMY	0.5333, 0.5725, 0.5882
CMYK	0.00, 0.08, 0.12, 0.53
HSL	17°, 6%, 44%
HSV	17°, 12%, 47%
XYZ	15.6262, 15.8791, 15.6060
YIQ	111.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

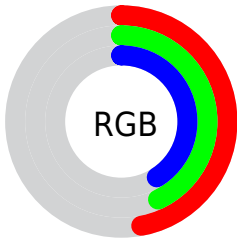
Format	Color
R_{YB}	119, 111, 105
Decimal	7826793
CIE _{Lab}	46.82, 3.15, 3.64
CIE _{LCh}	47, 4.813, 49.062
Yxy	15.8791, 0.3317, 0.3371
Android (android.graphics.Color)	4286016873 (0xFF776D69)
YUV	111.5340, -3.2213, 6.5477
Hunter-Lab	39.8486, 0.2618, 4.6741

Details

The XYZ color **15.6262, 15.8791, 15.6060** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2862, 16.5965, 19.8508**, and the grayscale version is **15.2727, 16.0681, 17.4982**.

A 20% lighter version of the original color is **35.3661, 36.1998, 36.5758**, and **5.0849, 5.0903, 4.7175** is the 20% darker color. If you saturate the color by 10%, you get **14.1938, 13.9255, 12.3191**, and if you desaturate by 10%, it is **17.2328, 18.0437, 19.3736**.

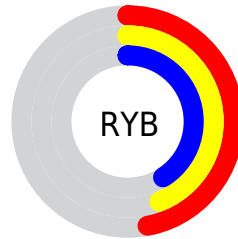
Distribution



Red (47%)

Green (43%)

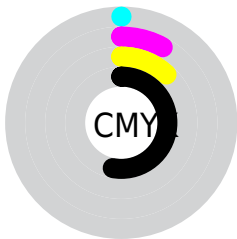
Blue (41%)



Red (47%)

Yellow (44%)

Blue (41%)

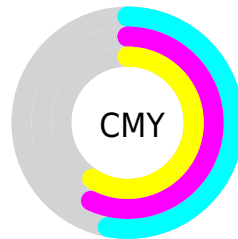


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6262, 15.8791, 15.6060 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 15.6262, 15.8791, 15.6060 by changing the saturation by 10% instead.

■ 15.6262, 15.8791,
15.6060

■ 15.6262, 15.8791,
15.6060

220.4398,
228.6273, 238.7712

■ 9.3492, 9.4386,
9.0945

■ 35.5108, 36.3882,
36.6701

■ 5.0286, 5.0284,
4.7052

■ 49.8490, 51.2256,
52.0597

■ 2.2990, 2.2639,
2.0197

■ 67.6051, 69.6308,
71.2457

■ 0.7941, 0.7545,
0.5673

■ 89.1443, 91.9882,
94.6467

■ 0.0000, 0.0000,
0.0000

114.8320,
118.6821, 122.6812

145.0336,

150.0970, 155.7678

180.1144,
186.6173, 194.3249

■ 15.6262, 15.8791,
15.6060

■ 15.6262, 15.8791,
15.6060

■ 14.1938, 13.9255,
12.3191

■ 17.2328, 18.0437,
19.3736

■ 12.9283, 12.1744,
9.4926

■ 19.0179, 20.4233,
23.6394

■ 11.8236, 10.6199,
7.1059

■ 20.9875, 23.0244,
28.4209

■ 10.8731, 9.2548,
5.1368

■ 23.1467, 25.8526,
33.7347

■ 10.0694, 8.0717,
3.5607

■ 25.5005, 28.9134,
39.5966

■ 9.4045, 7.0625,
2.3509

■ 28.0538, 32.2118,
46.0217

■ 8.8697, 6.2186,
1.4768

■ 30.8111, 35.7531,
53.0246

■ 8.4550, 5.5304,
0.9033

■ 33.7770, 39.5420,
60.6193

■ 8.1804, 5.0670,
0.5469

■ 36.9557, 43.5834,
68.8192

Harmonies

Analogous

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



15.8663, 15.8791, 16.5476



15.6262, 15.8791, 15.6060



15.2459, 15.8791, 15.1236

Triad

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



15.6262, 15.8791, 15.6060



14.3160, 15.8791, 16.8559



15.3570, 15.8791, 19.5613

Complementary

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



15.6262, 15.8791, 15.6060



15.2862, 16.5965, 19.8508

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.



14.9404, 15.8791, 19.6532



15.6262, 15.8791, 15.6060



14.3445, 15.8791, 18.0535

Square

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



15.6262, 15.8791, 15.6060



14.4927, 15.8791, 15.8227



14.5713, 15.8791, 19.0902



15.7089, 15.8791, 18.8446

Rectangle

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



15.6262, 15.8791, 15.6060



14.9662, 15.8791, 15.1116



14.5713, 15.8791, 19.0902



15.2197, 15.8791, 19.6675

Sweetspot

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



15.6266, 15.8798, 15.6063



30.1582, 31.3711, 33.0370



15.7560, 15.2639, 18.3458



7.1021, 7.3740, 7.7231



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

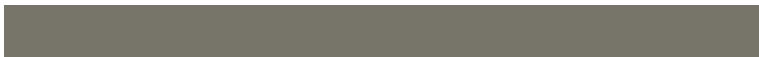
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.6266, 15.8798, 15.6063



27.2884, 27.4936, 26.3399



16.3993, 17.4252, 15.8639



3.7614, 3.8557, 3.8883



8.6835, 5.3682, 0.5785



41.6694, 24.8674, 2.6037

Inverse Universe

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



15.2862, 16.5965, 19.8508



26.5570, 29.0327, 35.4572



14.5218, 15.0676, 19.5960



3.6991, 3.9869, 4.6648



6.9793, 8.2984, 19.7765



33.2529, 38.9225, 96.1205

Previews

White Background



This preview shows how the XYZ color 15.6262, 15.8791, 15.6060 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 15.6262, 15.8791, 15.6060 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 15.6262, 15.8791, 15.6060

Background



This preview shows how black text looks on a background with the XYZ color 15.6262, 15.8791, 15.6060.



This preview shows how white text looks on a background with the XYZ color 15.6262, 15.8791,

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

15.6262, 15.8791, 15.6060

Protanopia

15.2254, 15.9869, 15.9190

Deuteranopia

16.1197, 15.8204, 15.5686



Tritanopia

16.1558, 15.7694, 18.7153

Trichromacy



Original Color

15.6262, 15.8791, 15.6060

Protanomaly

15.3799, 15.9055, 15.8951

Deuteranomaly

15.9384, 15.8826, 15.5902

Tritanomaly

16.0329, 15.8880, 17.5509

Monochromacy



Original Color

15.6262, 15.8791, 15.6060

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.5150, 16.1178, 16.7613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6262, 15.8791, 15.6060 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(119, 109, 105)` looks like.

```
.text, #text, p{  
    color:rgb(119, 109, 105)  
}
```

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(119, 109, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 109, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.6262, 15.8791, 15.6060 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(119, 109, 105) }
```


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

```
.border{ border-color:rgb(119, 109, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 109, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 109, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 109, 105);  
box-shadow:4px 4px 4px 4px rgb(119, 109,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6262, 15.8791, 15.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 109, 105) }
```

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

```
.background{ background-color: rgb(119,  
109, 105) }
```

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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