

Converting Colors

XYZ(15.5322, 16.2470, 17.0729)

Have a look what the booklet for
XYZ(15.5322, 16.2470, 17.0729)
contains.

XYZ(15.5481, 16.2915, 17.0770)	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(15.5481, 16.2915,
17.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	72706E
RGB	114, 112, 110
RGB Percent	45%, 44%, 43%
CMY	0.5529, 0.5608, 0.5686
CMYK	0.00, 0.02, 0.04, 0.55
HSL	30°, 2%, 44%
HSV	30°, 4%, 45%
XYZ	15.5481, 16.2915, 17.0770
YIQ	112.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

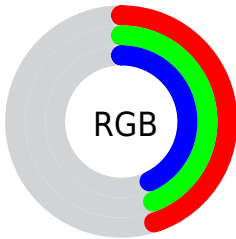
Format	Color
R_{YB}	114, 114, 110
Decimal	7499886
CIE Lab	47.35, 0.37, 1.38
CIE LCh	47, 1.425, 74.831
Yxy	16.2915, 0.3178, 0.3330
Android (android.graphics.Color)	4285689966 (0xFF72706E)
YUV	112.3700, -1.1684, 1.4295
Hunter-Lab	40.3627, -1.8749, 3.1690

Details

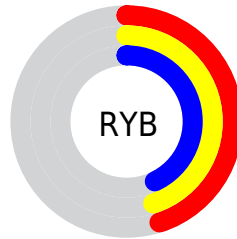
The XYZ color **15.5481, 16.2915, 17.0770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2620, 16.1182, 18.2267**, and the grayscale version is **15.5132, 16.3211, 17.7736**.

A 20% lighter version of the original color is **35.5229, 37.2665, 39.5033**, and **4.9774, 5.1839, 5.4409** is the 20% darker color. If you saturate the color by 10%, you get **14.3584, 14.8422, 13.8126**, and if you desaturate by 10%, it is **16.8584, 17.8537, 20.7760**.

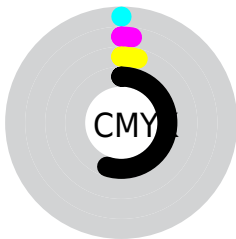
Distribution



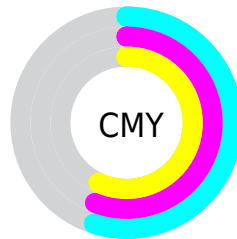
- Red (45%)
- Green (44%)
- Blue (43%)



- Red (45%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5481, 16.2915, 17.0770 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 15.5481, 16.2915, 17.0770 by changing the saturation by 10% instead.

■ 15.5481, 16.2915,
17.0770

■ 15.5481, 16.2915,
17.0770

219.9834,
231.0557, 247.6747

■ 9.2938, 9.7307,
10.1269

■ 35.3757, 37.1035,
39.2506

■ 4.9919, 5.2207,
5.3765

■ 49.6797, 52.1235,
55.3111

■ 2.2772, 2.3774,
2.4072

■ 67.3976, 70.7320,
75.2455

■ 0.7830, 0.8142,
0.7904

■ 88.8948, 93.3134,
99.4723

■ 0.0000, 0.0000,
0.0000

114.5366,
120.2520, 128.4101

144.6884,

151.9324, 162.4774

179.7155,
188.7388, 202.0928

■ 15.5481, 16.2915,
17.0770

■ 15.5481, 16.2915,
17.0770

■ 14.3584, 14.8422,
13.8126

■ 16.8584, 17.8537,
20.7760

■ 13.2841, 13.5009,
10.9657

■ 18.2914, 19.5293,
24.9238

■ 12.3218, 12.2657,
8.5193

■ 19.8511, 21.3214,
29.5355

■ 11.4671, 11.1336,
6.4551

■ 21.5407, 23.2324,
34.6248

■ 10.7157, 10.1016,
4.7532

■ 23.3633, 25.2646,
40.2052

■ 10.0626, 9.1662,
3.3921

■ 25.3220, 27.4203,
46.2893

■ 9.5024, 8.3242,
2.3476

■ 27.4197, 29.7016,
52.8895

■ 9.0293, 7.5715,
1.5927

■ 29.6593, 32.1106,
60.0177

■ 8.6351, 6.9036,
1.0899

■ 32.0434, 34.6495,
67.6854

Harmonies

Analogous

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



15.6571, 16.2915, 17.2537



15.5481, 16.2915, 17.0770



15.4226, 16.2915, 17.0760

Triad

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



15.5481, 16.2915, 17.0770



15.2514, 16.2915, 17.9170



15.6561, 16.2915, 18.2356

Complementary

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



15.5481, 16.2915, 17.0770



15.2620, 16.1182, 18.2267

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.



15.5467, 16.2915, 18.4183



15.5481, 16.2915, 17.0770



15.3133, 16.2915, 18.2327

Square

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



15.5481, 16.2915, 17.0770



15.2518, 16.2915, 17.5576



15.4212, 16.2915, 18.4172



15.7197, 16.2915, 17.9210

Rectangle

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



15.5481, 16.2915, 17.0770



15.3465, 16.2915, 17.1749



15.4212, 16.2915, 18.4172



15.6235, 16.2915, 18.3147

Sweetspot

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



15.5486, 16.2922, 17.0774



27.8746, 29.2926, 31.5510



15.4403, 15.8994, 17.5846



6.4506, 6.7794, 7.3086



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



15.5486, 16.2922, 17.0774



27.1928, 28.4729, 29.6475



15.7715, 16.7382, 17.1517



3.6378, 3.8072, 3.9470



9.3393, 7.2110, 0.8996



45.6602, 34.1955, 4.1938

Inverse Universe

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



15.2620, 16.1182, 18.2267



26.6062, 28.1167, 32.0003



15.0439, 15.6821, 18.1540



3.5518, 3.7550, 4.2918



4.9906, 4.5715, 18.3410



23.9977, 21.0473, 91.0769

Previews

White Background



This preview shows how the XYZ color 15.5481, 16.2915, 17.0770 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 15.5481, 16.2915, 17.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

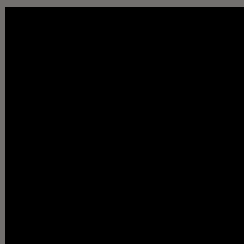
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

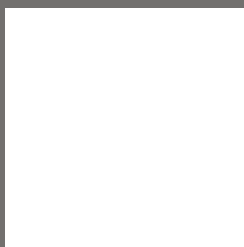
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5481, 16.2915, 17.0770

Background



This preview shows how black text looks on a background with the XYZ color 15.5481, 16.2915, 17.0770.



This preview shows how white text looks on a background with the XYZ color 15.5481, 16.2915,

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

15.5481, 16.2915, 17.0770

Protanopia

15.6789, 16.3590, 17.0831

Deuteranopia

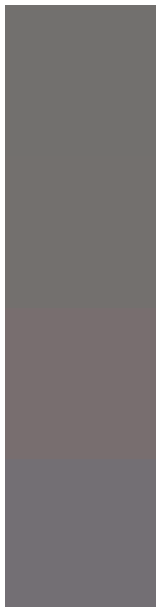
16.6501, 16.3701, 17.3211



Tritanopia

16.0844, 16.3456, 19.7600

Trichromacy



Original Color

15.5481, 16.2915, 17.0770

Protanomaly

15.6789, 16.3590, 17.0831

Deuteranomaly

16.1909, 16.2926, 17.3304

Tritanomaly

15.9071, 16.2747, 18.8259

Monochromacy



Original Color

15.5481, 16.2915, 17.0770

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4735, 16.2467, 17.3593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5481, 16.2915, 17.0770 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(114, 112, 110)` looks like.

```
.text, #text, p{  
    color:rgb(114, 112, 110)  
}
```

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(114, 112, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 112, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.5481, 16.2915, 17.0770 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(114, 112, 110) }
```


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

```
.border{ border-color:rgb(114, 112, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 112, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 112, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 112, 110);  
box-shadow:4px 4px 4px 4px rgb(114, 112,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5481, 16.2915, 17.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 112, 110) }
```

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

```
.background{ background-color: rgb(114,  
112, 110) }
```

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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