

Converting Colors

XYZ(15.5376, 15.6331, 16.9135)

Have a look what the booklet for
XYZ(15.5376, 15.6331, 16.9135)
contains.

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Color

**XYZ(15.5132, 15.6328,
16.9517)**

Conversions

Conversions Part 1

Format	Color
Hex	756C6E
RGB	117, 108, 110
RGB Percent	46%, 42%, 43%
CMY	0.5412, 0.5765, 0.5686
CMYK	0.00, 0.08, 0.06, 0.54
HSL	347°, 4%, 44%
HSV	347°, 8%, 46%
XYZ	15.5132, 15.6328, 16.9517
YIQ	110.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

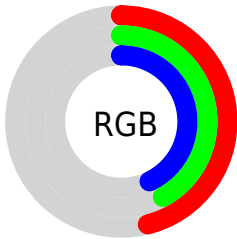
Format	Color
R_{YB}	117, 108, 110
Decimal	7695470
CIE Lab	46.49, 3.90, 0.15
CIE LCh	46, 3.902, 2.165
Yxy	15.6328, 0.3225, 0.3250
Android (android.graphics.Color)	4285885550 (0xFF756C6E)
YUV	110.9190, -0.4531, 5.3330
Hunter-Lab	39.5383, 0.8439, 2.2568

Details

The XYZ color **15.5132, 15.6328, 16.9517** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6408, 17.1490, 18.7062**, and the grayscale version is **15.0866, 15.8723, 17.2849**.

A 20% lighter version of the original color is **35.2819, 35.8399, 39.2407**, and **5.0202, 4.9616, 5.3957** is the 20% darker color. If you saturate the color by 10%, you get **13.8908, 13.1407, 14.0903**, and if you desaturate by 10%, it is **17.3530, 18.4779, 20.1371**.

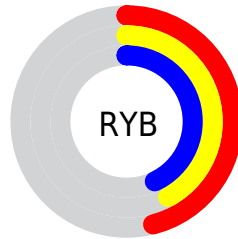
Distribution



Red (46%)

Green (42%)

Blue (43%)



Red (46%)

Yellow (42%)

Blue (43%)

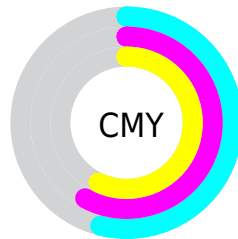


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5132, 15.6328, 16.9517 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 15.5132, 15.6328, 16.9517 by changing the saturation by 10% instead.

■ 15.5132, 15.6328,
16.9517

■ 15.5132, 15.6328,
16.9517

219.7791,
227.1651, 246.9284

■ 9.2690, 9.2647,
10.0385

■ 35.3153, 35.9595,
39.0322

■ 4.9756, 4.9142,
5.3185

■ 49.6040, 50.6870,
55.0366

■ 2.2675, 2.1970,
2.3734

■ 67.3048, 68.9696,
74.9084

■ 0.7780, 0.7184,
0.7719

■ 88.7831, 91.1919,
99.0663

■ 0.0000, 0.0000,
0.0000

114.4044,
117.7382, 127.9286

144.5339,

148.9929, 161.9141

179.5370,
185.3404, 201.4412

■ 15.5132, 15.6328,
16.9517

■ 15.5132, 15.6328,
16.9517

■ 13.8908, 13.1407,
14.0903

■ 17.3530, 18.4779,
20.1371

■ 12.4765, 10.9857,
11.5417

■ 19.4166, 21.6869,
23.6554

■ 11.2620, 9.1541,
9.2954

■ 21.7116, 25.2728,
27.5162

■ 10.2382, 7.6301,
7.3401

■ 24.2450, 29.2473,
31.7284

■ 9.3952, 6.3966,
5.6637

■ 27.0235, 33.6215,
36.3008

■ 8.7220, 5.4352,
4.2530

■ 30.0534, 38.4063,
41.2416

■ 8.2068, 4.7248,
3.0941

■ 33.3409, 43.6119,
46.5590

■ 7.8356, 4.2417,
2.1714

■ 36.8920, 49.2485,
52.2607

■ 7.5762, 3.9249,
1.4622

■ 40.7123, 55.3255,
58.3544

Harmonies

Analogous

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



15.4369, 15.6328, 17.8997



15.5132, 15.6328, 16.9517



15.4119, 15.6328, 16.0558

Triad

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



15.5132, 15.6328, 16.9517



14.5174, 15.6328, 15.5034



14.5590, 15.6328, 18.7098

Complementary

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



15.5132, 15.6328, 16.9517



15.6408, 17.1490, 18.7062

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.



14.3185, 15.6328, 18.0251



15.5132, 15.6328, 16.9517



14.2947, 15.6328, 16.1724

Square

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



15.5132, 15.6328, 16.9517



14.8341, 15.6328, 15.2394



14.2225, 15.6328, 17.0914



14.8829, 15.6328, 18.9373

Rectangle

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



15.5132, 15.6328, 16.9517



15.2581, 15.6328, 15.6022



14.2225, 15.6328, 17.0914



14.4659, 15.6328, 18.5243

Sweetspot

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



15.5136, 15.6335, 16.9520



29.5887, 30.7879, 33.4996



15.6311, 15.6482, 19.0265



6.8150, 7.0974, 7.7231



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.



15.5136, 15.6335, 16.9520



27.3070, 27.2659, 29.5283



15.6626, 16.1036, 16.4709



3.7142, 3.7130, 4.0217



8.2827, 4.2468, 1.4311



40.0901, 20.5861, 5.5376

Inverse Universe

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



15.5136, 15.6335, 16.9520



27.3070, 27.2659, 29.5283



15.4810, 16.6435, 19.2266



3.7142, 3.7130, 4.0217



8.2827, 4.2468, 1.4311



40.0901, 20.5861, 5.5376

Previews

White Background



This preview shows how the XYZ color 15.5132, 15.6328, 16.9517 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 15.5132, 15.6328, 16.9517 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 15.5132, 15.6328, 16.9517

Background



This preview shows how black text looks on a background with the XYZ color 15.5132, 15.6328, 16.9517.



This preview shows how white text looks on a background with the XYZ color 15.5132, 15.6328,

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

15.5132, 15.6328, 16.9517

Protanopia

15.1273, 15.7443, 17.2806

Deuteranopia

15.9573, 15.7061, 16.9424



Tritanopia

15.8813, 15.6279, 18.7024

Trichromacy



Original Color

15.5132, 15.6328, 16.9517

Protanomaly

15.2773, 15.6624, 17.2569

Deuteranomaly

15.8179, 15.6342, 16.9359

Tritanomaly

15.7662, 15.5818, 18.0962

Monochromacy



Original Color

15.5132, 15.6328, 16.9517

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2552, 15.8103, 17.2866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5132, 15.6328, 16.9517 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(117, 108, 110)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 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(117, 108, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.5132, 15.6328, 16.9517 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(117, 108, 110) }
```


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

```
.border{ border-color:rgb(117, 108, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 108, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 110);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5132, 15.6328, 16.9517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 108, 110) }
```

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

```
.background{ background-color: rgb(117,  
108, 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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