

Converting Colors

XYZ(15.2184, 15.4562, 15.3839)

Have a look what the booklet for
XYZ(15.2184, 15.4562, 15.3839)
contains.

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Color

**XYZ(15.1974, 15.5065,
15.2888)**

Conversions

Conversions Part 1

Format	Color
Hex	756C68
RGB	117, 108, 104
RGB Percent	46%, 42%, 41%
CMY	0.5412, 0.5765, 0.5922
CMYK	0.00, 0.08, 0.11, 0.54
HSL	18°, 6%, 43%
HSV	18°, 11%, 46%
XYZ	15.1974, 15.5065, 15.2888
YIQ	110.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

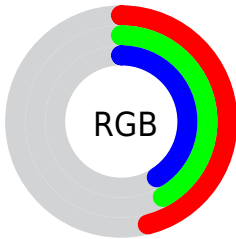
Format	Color
R_{YB}	117, 110, 104
Decimal	7695464
CIE Lab	46.32, 2.76, 3.50
CIE LCh	46, 4.454, 51.715
Yxy	15.5065, 0.3304, 0.3372
Android (android.graphics.Color)	4285885544 (0xFF756C68)
YUV	110.2350, -3.0739, 5.9329
Hunter-Lab	39.3783, -0.0229, 4.5452

Details

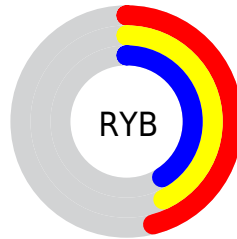
The XYZ color **15.1974, 15.5065, 15.2888** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8250, 16.0375, 19.1441**, and the grayscale version is **14.8961, 15.6718, 17.0666**.

A 20% lighter version of the original color is **34.6767, 35.5978, 36.0538**, and **4.8615, 4.8981, 4.5601** is the 20% darker color. If you saturate the color by 10%, you get **13.8292, 13.6560, 12.1013**, and if you desaturate by 10%, it is **16.7283, 17.5501, 18.9378**.

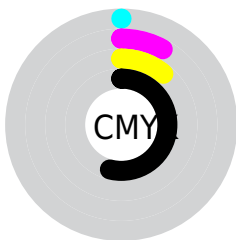
Distribution



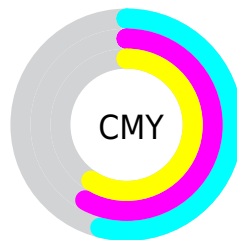
- Red (46%)
- Green (42%)
- Blue (41%)



- Red (46%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1974, 15.5065, 15.2888 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 15.1974, 15.5065, 15.2888 by changing the saturation by 10% instead.

■ 15.1974, 15.5065,
15.2888

■ 15.1974, 15.5065,
15.2888

217.9227,
226.4118, 236.8083

■ 9.0453, 9.1756,
8.8735

■ 34.7679, 35.7393,
36.1085

■ 4.8281, 4.8559,
4.5630

■ 48.9170, 50.4100,
51.3499

■ 2.1805, 2.1630,
1.9390

■ 66.4625, 68.6295,
70.3704

■ 0.7324, 0.6997,
0.5174

■ 87.7697, 90.7821,
93.5885

■ 0.0000, 0.0000,
0.0000

113.2039,
117.2523, 121.4229

143.1306,

148.4243, 154.2919

177.9151,
184.6827, 192.6142

■ 15.1974, 15.5065,
15.2888

■ 15.1974, 15.5065,
15.2888

■ 13.8292, 13.6560,
12.1013

■ 16.7283, 17.5501,
18.9378

■ 12.6169, 11.9908,
9.3558

■ 18.4259, 19.7901,
23.0647

■ 11.5550, 10.5058,
7.0329

■ 20.2955, 22.2324,
27.6865

■ 10.6374, 9.1946,
5.1113

■ 22.3421, 24.8820,
32.8188

■ 9.8573, 8.0507,
3.5679

■ 24.5701, 27.7437,
38.4766

■ 9.2074, 7.0669,
2.3771

■ 26.9841, 30.8222,
44.6745

■ 8.6796, 6.2355,
1.5103

■ 29.5882, 34.1219,
51.4262

■ 8.2650, 5.5483,
0.9340

■ 32.3866, 37.6473,
58.7452

■ 7.9676, 5.0448,
0.5538

■ 35.3833, 41.4025,
66.6442

Harmonies

Analogous

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



15.4302, 15.5065, 16.1189



15.1974, 15.5065, 15.2888



14.8444, 15.5065, 14.8902

Triad

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



15.1974, 15.5065, 15.2888



14.0248, 15.5065, 16.5832



15.0114, 15.5065, 18.9108

Complementary

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



15.1974, 15.5065, 15.2888



14.8250, 16.0375, 19.1441

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.



14.6331, 15.5065, 19.0482



15.1974, 15.5065, 15.2888



14.0678, 15.5065, 17.6728

Square

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



15.1974, 15.5065, 15.2888



14.1704, 15.5065, 15.6161



14.2889, 15.5065, 18.5863



15.3215, 15.5065, 18.2186

Rectangle

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



15.1974, 15.5065, 15.2888



14.5901, 15.5065, 14.9102



14.2889, 15.5065, 18.5863



14.8878, 15.5065, 19.0246

Sweetspot

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



15.1978, 15.5072, 15.2891



29.3928, 30.6797, 32.5600



15.2730, 14.8773, 17.7192



6.7120, 6.9927, 7.3761



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

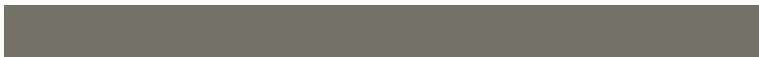
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.1978, 15.5072, 15.2891



26.6445, 27.0016, 26.0377



15.8976, 16.9067, 15.5224



3.7674, 3.8678, 3.8903



8.7657, 5.5327, 0.6059



42.0375, 25.6034, 2.7263

Inverse Universe

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



14.8250, 16.0375, 19.1441



25.8546, 28.1246, 34.2029



14.1361, 14.6599, 18.9145



3.6927, 3.9741, 4.6627



6.7642, 7.8681, 19.7048



32.1776, 36.7717, 95.7620

Previews

White Background



This preview shows how the XYZ color 15.1974, 15.5065, 15.2888 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 15.1974, 15.5065, 15.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

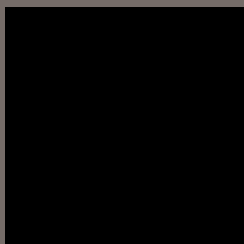
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1974, 15.5065, 15.2888

Background



This preview shows how black text looks on a background with the XYZ color 15.1974, 15.5065, 15.2888.



This preview shows how white text looks on a background with the XYZ color 15.1974, 15.5065,

15.2888.

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

15.1974, 15.5065, 15.2888

Protanopia

14.8285, 15.4679, 15.5687

Deuteranopia

15.6788, 15.4451, 15.2515



Tritanopia

15.7198, 15.3974, 18.3631

Trichromacy



Original Color

15.1974, 15.5065, 15.2888

Protanomaly

14.9579, 15.5346, 15.5747

Deuteranomaly

15.5021, 15.5079, 15.2730

Tritanomaly

15.5982, 15.5146, 17.2114

Monochromacy



Original Color

15.1974, 15.5065, 15.2888

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9855, 15.5307, 16.3953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1974, 15.5065, 15.2888 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.1974, 15.5065, 15.2888 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, 104) }
```


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

```
.border{ border-color:rgb(117, 108, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 104);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1974, 15.5065, 15.2888 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, 104) }
```

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

```
.background{ background-color: rgb(117,  
108, 104) }
```

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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