

Converting Colors

XYZ(15.0383, 17.1915, 13.1139)

Have a look what the booklet for
XYZ(15.0383, 17.1915, 13.1139)
contains.

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Color

**XYZ(15.0544, 17.1445,
13.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	6F765E
RGB	111, 118, 94
RGB Percent	44%, 46%, 37%
CMY	0.5647, 0.5372, 0.6314
CMYK	0.06, 0.00, 0.20, 0.54
HSL	78°, 11%, 42%
HSV	78°, 20%, 46%
XYZ	15.0544, 17.1445, 13.1054
YIQ	113.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

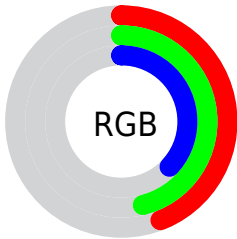
Format	Color
R_{YB}	94, 118, 101
Decimal	7304798
CIE Lab	48.44, -7.24, 12.36
CIE LCh	48, 14.322, 120.355
Yxy	17.1445, 0.3323, 0.3784
Android (android.graphics.Color)	4285494878 (0xFF6F765E)
YUV	113.1710, -9.4513, -1.9040
Hunter-Lab	41.4059, -7.5612, 10.2182

Details

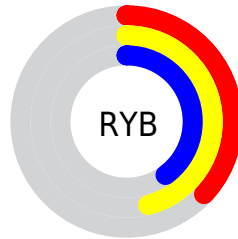
The XYZ color **15.0544, 17.1445, 13.1054** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6401, 12.0805, 18.8059**, and the grayscale version is **15.7736, 16.5951, 18.0721**.

A 20% lighter version of the original color is **34.5130, 38.5496, 32.0073**, and **4.7736, 5.6505, 3.6354** is the 20% darker color. If you saturate the color by 10%, you get **14.1402, 16.7303, 10.5067**, and if you desaturate by 10%, it is **16.0672, 17.6012, 16.1321**.

Distribution



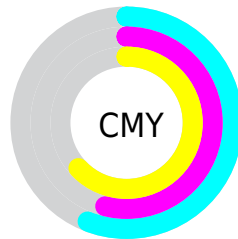
- Red (44%)
- Green (46%)
- Blue (37%)



- Red (37%)
- Yellow (46%)
- Blue (40%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (54%)



- Cyan (56%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0544, 17.1445, 13.1054 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 15.0544, 17.1445, 13.1054 by changing the saturation by 10% instead.

■ 15.0544, 17.1445,
13.1054

■ 15.0544, 17.1445,
13.1054

217.0771,
236.0037, 222.8236

■ 8.9441, 10.3376,
7.3696

■ 34.5195, 38.5741,
32.1870

■ 4.7616, 5.6233,
3.6124

■ 48.6050, 53.9655,
46.3698

■ 2.1414, 2.6174,
1.4152

■ 66.0796, 72.9872,
64.2054

■ 0.7116, 0.9354,
0.1535

■ 87.3087, 96.0235,
86.1123

■ 0.0000, 0.0000,
0.0000

112.6577,
123.4590, 112.5090

142.4918,

155.6779, 143.8141

177.1765,
193.0647, 180.4461

■ 15.0544, 17.1445,
13.1054

■ 15.0544, 17.1445,
13.1054

■ 14.1402, 16.7303,
10.5067

■ 16.0672, 17.6012,
16.1321

■ 13.3194, 16.3548,
8.3156

■ 17.1808, 18.0996,
19.6037

■ 12.5883, 16.0171,
6.5116

■ 18.3992, 18.6419,
23.5376

■ 11.9423, 15.7153,
5.0721

■ 19.7255, 19.2293,
27.9501

■ 11.3767, 15.4474,
3.9721

■ 21.1628, 19.8632,
32.8565

■ 10.8857, 15.2113,
3.1835

■ 22.7141, 20.5447,
38.2715

■ 10.4631, 15.0043,
2.6735

■ 24.3823, 21.2750,
44.2091

■ 10.0974, 14.8230,
2.3289

■ 26.1701, 22.0552,
50.6828

■ 28.0801, 22.8863,
57.7058

Harmonies

Analogous

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



16.2797, 17.1445, 12.3392



15.0544, 17.1445, 13.1054



14.2013, 17.1445, 15.3197

Triad

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



15.0544, 17.1445, 13.1054



15.0801, 17.1445, 25.6706



18.9481, 17.1445, 18.6227

Complementary

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



15.0544, 17.1445, 13.1054



12.6401, 12.0805, 18.8059

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.



18.5857, 17.1445, 22.4705



15.0544, 17.1445, 13.1054



16.3110, 17.1445, 26.8567

Square

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



15.0544, 17.1445, 13.1054



14.2156, 17.1445, 22.5584



17.6027, 17.1445, 25.6153



18.5686, 17.1445, 15.2518

Rectangle

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



15.0544, 17.1445, 13.1054



13.9345, 17.1445, 17.4840



17.6027, 17.1445, 25.6153



18.9088, 17.1445, 19.9032

Sweetspot

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



15.0549, 17.1453, 13.1058



29.0486, 31.3052, 30.8250



14.1264, 13.9287, 12.5339



6.6578, 7.1882, 7.0222



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.



15.0549, 17.1453, 13.1058



25.7648, 29.8263, 21.0076



13.6668, 16.4297, 13.0408



3.8676, 4.2152, 3.9521



10.9108, 16.0291, 2.5189



52.2862, 77.6563, 12.2334

Inverse Universe

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



12.6401, 12.0805, 18.8059



20.7786, 19.3667, 32.7800



14.0576, 12.8112, 18.8723



3.5918, 3.6369, 4.6029



4.2550, 1.7849, 18.6628



19.9796, 8.3084, 90.9109

Previews

White Background



This preview shows how the XYZ color 15.0544, 17.1445, 13.1054 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 15.0544, 17.1445, 13.1054 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

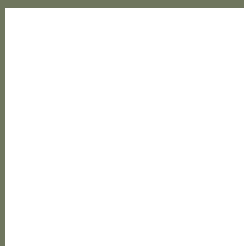
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0544, 17.1445, 13.1054

Background



This preview shows how black text looks on a background with the XYZ color 15.0544, 17.1445, 13.1054.



This preview shows how white text looks on a background with the XYZ color 15.0544, 17.1445,

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

15.0544, 17.1445, 13.1054

Protanopia

16.0885, 17.1717, 12.5917

Deuteranopia

17.3601, 16.9829, 13.4294



Tritanopia

16.6627, 17.1095, 21.1631

Trichromacy



Original Color

15.0544, 17.1445, 13.1054

Protanomaly

15.6924, 17.1326, 12.8358

Deuteranomaly

16.4281, 16.9965, 13.2413

Tritanomaly

15.9948, 17.0087, 17.7692

Monochromacy



Original Color

15.0544, 17.1445, 13.1054

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4143, 16.7468, 16.0557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0544, 17.1445, 13.1054 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(111, 118, 94)` looks like.

```
.text, #text, p{  
    color:rgb(111, 118, 94)  
}
```

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(111, 118, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 118, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.0544, 17.1445, 13.1054 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(111, 118, 94) }
```


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

```
.border{ border-color:rgb(111, 118, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 118, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 118, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 118, 94);  
box-shadow:4px 4px 4px 4px rgb(111, 118,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0544, 17.1445, 13.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 118, 94) }
```

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

```
.background{ background-color: rgb(111,  
118, 94) }
```

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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