

Converting Colors

XYZ(11.8387, 11.8257, 13.3971)

Have a look what the booklet for
XYZ(11.8387, 11.8257, 13.3971)
contains.

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Color

**XYZ(11.8484, 11.7898,
13.4556)**

Conversions

Conversions Part 1

Format	Color
Hex	675E63
RGB	103, 94, 99
RGB Percent	40%, 37%, 39%
CMY	0.5961, 0.6314, 0.6118
CMYK	0.00, 0.09, 0.04, 0.60
HSL	327°, 5%, 39%
HSV	327°, 9%, 40%
XYZ	11.8484, 11.7898, 13.4556
YIQ	97.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

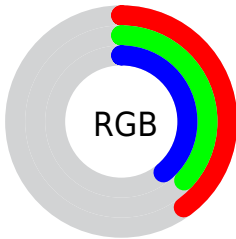
Format	Color
R_{YB}	103, 94, 99
Decimal	6774371
CIE _{Lab}	40.88, 4.60, -1.55
CIE _{LCh}	41, 4.854, 341.371
Yxy	11.7898, 0.3194, 0.3178
Android (android.graphics.Color)	4284964451 (0xFF675E63)
YUV	97.2610, 0.8573, 5.0331
Hunter-Lab	34.3363, 1.5064, 0.8010

Details

The XYZ color **11.8484, 11.7898, 13.4556** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6714, 12.9624, 13.4428**, and the grayscale version is **11.4241, 12.0190, 13.0887**.

A 20% lighter version of the original color is **28.8047, 29.0186, 32.9371**, and **3.3304, 3.2117, 3.8125** is the 20% darker color. If you saturate the color by 10%, you get **10.7803, 9.9939, 12.0501**, and if you desaturate by 10%, it is **13.0519, 13.8362, 14.9678**.

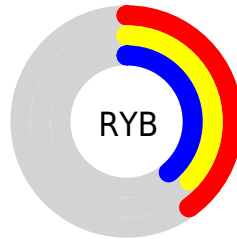
Distribution



 Red (40%)

 Green (37%)

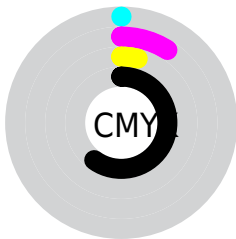
 Blue (39%)



 Red (40%)

 Yellow (37%)

 Blue (39%)

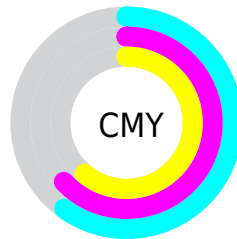



 Cyan (0%)


 Magenta (9%)

 Yellow (4%)

 Black (60%)



 Cyan (60%)

 Magenta (63%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8484, 11.7898, 13.4556 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 11.8484, 11.7898, 13.4556 by changing the saturation by 10% instead.

■ 11.8484, 11.7898,
13.4556

■ 11.8484, 11.7898,
13.4556

197.1895,
203.0087, 225.1267

■ 6.7120, 6.6007,
7.6086

■ 28.8380, 29.1117,
32.8230

■ 3.3274, 3.2137,
3.7614

■ 41.4218, 42.0133,
47.1805

■ 1.3292, 1.2443,
1.4954

■ 57.2189, 58.2545,
65.2119

■ 0.2049, 0.0974,
0.2145

■ 76.5945, 78.2197,
87.3358

■ 0.0000, 0.0000,
0.0000

99.9140, 102.2934,
113.9707

127.5428,

130.8598, 145.5351

159.8462,
164.3035, 182.4476

■ 11.8484, 11.7898,
13.4556

■ 11.8484, 11.7898,
13.4556

■ 10.7803, 9.9939,
12.0501

■ 13.0519, 13.8362,
14.9678

■ 9.8415, 8.4372,
10.7478

■ 14.3944, 16.1407,
16.5884

■ 9.0270, 7.1100,
9.5461

■ 15.8808, 18.7126,
18.3202

■ 8.3312, 6.0012,
8.4422

■ 17.5155, 21.5600,
20.1656

■ 7.7478, 5.0987,
7.4328

■ 19.3024, 24.6910,
22.1267

■ 7.2700, 4.3893,
6.5145

■ 21.2456, 28.1131,
24.2059

■ 6.8903, 3.8583,
5.6838

■ 23.3489, 31.8337,
26.4053

■ 6.6001, 3.4889,
4.9365

■ 25.6159, 35.8598,
28.7269

■ 6.3662, 3.2153,
4.2603

■ 28.0503, 40.1982,
31.1729

Harmonies

Analogous

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



11.6515, 11.7898, 14.3212



11.8484, 11.7898, 13.4556



11.8710, 11.7898, 12.4650

Triad

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



11.8484, 11.7898, 13.4556



11.0751, 11.7898, 11.0577



10.7138, 11.7898, 14.1385

Complementary

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



11.8484, 11.7898, 13.4556



11.6714, 12.9624, 13.4428

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.



10.5660, 11.7898, 13.2166



11.8484, 11.7898, 13.4556



10.7717, 11.7898, 11.4592

Square

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



11.8484, 11.7898, 13.4556



11.4198, 11.7898, 11.1143



10.5870, 11.7898, 12.2378



10.9946, 11.7898, 14.7292

Rectangle

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



11.8484, 11.7898, 13.4556



11.7837, 11.7898, 11.8702



10.5870, 11.7898, 12.2378



10.6472, 11.7898, 13.8551

Sweetspot

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



11.8487, 11.7903, 13.4559



22.4027, 23.1247, 25.5992



11.4776, 11.5763, 14.4618



5.4294, 5.5802, 6.2001



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.8487, 11.7903, 13.4559



20.9025, 20.5817, 23.6894



11.6441, 11.7085, 12.3781



2.8871, 2.8695, 3.2780



7.9554, 3.9951, 5.1635



41.0461, 20.6584, 24.5839

Inverse Universe

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



11.8487, 11.7903, 13.4559



20.9025, 20.5817, 23.6894



11.8849, 13.0478, 14.5671



2.8871, 2.8695, 3.2780



7.9554, 3.9951, 5.1635



41.0461, 20.6584, 24.5839

Previews

White Background



This preview shows how the XYZ color 11.8484, 11.7898, 13.4556 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 11.8484, 11.7898, 13.4556 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 11.8484, 11.7898, 13.4556

Background



This preview shows how black text looks on a background with the XYZ color 11.8484, 11.7898, 13.4556.



This preview shows how white text looks on a background with the XYZ color 11.8484, 11.7898,

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

11.8484, 11.7898, 13.4556

Protanopia

11.4129, 11.8272, 13.7380

Deuteranopia

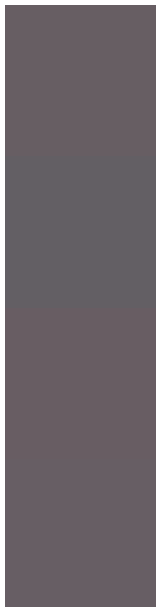
11.8754, 11.6726, 13.4315



Tritanopia

11.9452, 11.8286, 13.9655

Trichromacy



Original Color

11.8484, 11.7898, 13.4556

Protanomaly

11.5380, 11.7572, 13.7178

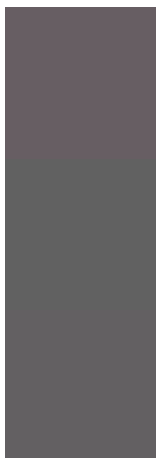
Deuteranomaly

11.8754, 11.6726, 13.4315

Tritanomaly

11.8965, 11.8091, 13.7090

Monochromacy



Original Color

11.8484, 11.7898, 13.4556

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5331, 11.9002, 13.2444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8484, 11.7898, 13.4556 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(103, 94, 99)` looks like.

```
.text, #text, p{  
    color:rgb(103, 94, 99)  
}
```

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(103, 94, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 94, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.8484, 11.7898, 13.4556 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(103, 94, 99) }
```


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

```
.border{ border-color:rgb(103, 94, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 94, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 94, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 94, 99);  
box-shadow:4px 4px 4px 4px rgb(103, 94,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8484, 11.7898, 13.4556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 94, 99) }
```

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

```
.background{ background-color: rgb(103, 94,  
99) }
```

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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