

Converting Colors

XYZ(12.0139, 11.8645, 14.7885)

Have a look what the booklet for
XYZ(12.0139, 11.8645, 14.7885)
contains.

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Color

**XYZ(11.9809, 11.8297,
14.7486)**

Conversions

Conversions Part 1

Format	Color
Hex	665E68
RGB	102, 94, 104
RGB Percent	40%, 37%, 41%
CMY	0.6000, 0.6314, 0.5922
CMYK	0.02, 0.10, 0.00, 0.59
HSL	288°, 5%, 39%
HSV	288°, 10%, 41%
XYZ	11.9809, 11.8297, 14.7486
YIQ	97.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

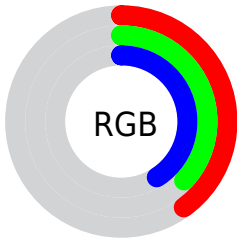
Format	Color
R _Y B	102, 94, 104
Decimal	6708840
CIE Lab	40.94, 5.25, -4.53
CIE LCh	41, 6.937, 319.190
Yxy	11.8297, 0.3107, 0.3068
Android (android.graphics.Color)	4284898920 (0xFF665E68)
YUV	97.5320, 3.1887, 3.9184
Hunter-Lab	34.3943, 1.9885, -1.3481

Details

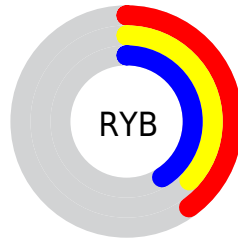
The XYZ color **11.9809, 11.8297, 14.7486** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7950, 13.1959, 12.5157**, and the grayscale version is **11.4858, 12.0839, 13.1594**.

A 20% lighter version of the original color is **29.0265, 29.0854, 35.0945**, and **3.3710, 3.2215, 4.3150** is the 20% darker color. If you saturate the color by 10%, you get **10.8850, 9.9834, 14.4502**, and if you desaturate by 10%, it is **13.2080, 13.9293, 15.0894**.

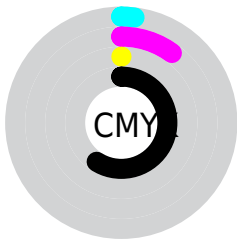
Distribution



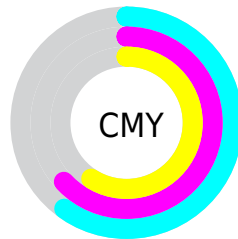
- Red (40%)
- Green (37%)
- Blue (41%)



- Red (40%)
- Yellow (37%)
- Blue (41%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9809, 11.8297, 14.7486 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 11.9809, 11.8297, 14.7486 by changing the saturation by 10% instead.

■ 11.9809, 11.8297,
14.7486

■ 11.9809, 11.8297,
14.7486

198.0513,
203.2746, 233.4276

■ 6.8028, 6.6278,
8.4985

■ 29.0775, 29.1846,
35.1476

■ 3.3843, 3.2305,
4.3232

■ 41.7266, 42.1063,
50.1335

■ 1.3601, 1.2532,
1.8043

■ 57.5969, 58.3702,
68.8685

■ 0.2275, 0.1045,
0.4308

■ 77.0535, 78.3605,
91.7710

■ 0.0000, 0.0000,
0.0000

100.4619,
102.4617, 119.2597

128.1874,

131.0582, 151.7529

160.5954,
164.5344, 189.6694

■ 11.9809, 11.8297,
14.7486

■ 11.9809, 11.8297,
14.7486

■ 10.8850, 9.9834,
14.4502

■ 13.2080, 13.9293,
15.0894

■ 9.9144, 8.3790,
14.1916

■ 14.5701, 16.2901,
15.4733

■ 9.0639, 7.0065,
13.9715

■ 16.0719, 18.9215,
15.9020

■ 8.3280, 5.8543,
13.7879

■ 17.7176, 21.8319,
16.3770

■ 7.7004, 4.9103,
13.6388

■ 19.5115, 25.0294,
16.8997

7.1744, 4.1608,
13.5219

21.4574, 28.5218,
17.4712

6.7421, 3.5907,
13.4346

23.5590, 32.3166,
18.0929

6.3950, 3.1824,
13.3741

25.8200, 36.4209,
18.7660

6.0949, 2.8599,
13.3277

28.2438, 40.8417,
19.4915

Harmonies

Analogous

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



11.5601, 11.8297, 15.6350



11.9809, 11.8297, 14.7486



12.2064, 11.8297, 13.3994

Triad

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



11.9809, 11.8297, 14.7486



11.4235, 11.8297, 10.3805



10.3672, 11.8297, 13.7990

Complementary

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



11.9809, 11.8297, 14.7486



11.7950, 13.1959, 12.5157

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.



10.3331, 11.8297, 12.3752



11.9809, 11.8297, 14.7486



10.9333, 11.8297, 10.4702

Square

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



11.9809, 11.8297, 14.7486



11.8784, 11.8297, 10.9225



10.5375, 11.8297, 11.1773



10.6322, 11.8297, 15.0596

Rectangle

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



11.9809, 11.8297, 14.7486



12.2114, 11.8297, 12.4494



10.5375, 11.8297, 11.1773



10.3287, 11.8297, 13.3216

Sweetspot

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



11.9812, 11.8302, 14.7489



22.3985, 23.1080, 26.2568



11.3134, 11.7759, 14.7736



5.4282, 5.5752, 6.3959



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.



11.9812, 11.8302, 14.7489



20.4735, 19.8289, 25.7254



12.0691, 11.8919, 14.0143



2.8850, 2.8628, 3.5325



7.4734, 3.4969, 16.4254



38.2594, 17.8677, 85.6337

Inverse Universe

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



11.8234, 11.7936, 12.7202



20.1283, 19.7503, 21.2209



11.7168, 13.1406, 13.1879



2.8498, 2.8546, 3.0817



7.1916, 3.6896, 1.1413



37.2468, 19.1387, 4.5771

Previews

White Background



This preview shows how the XYZ color 11.9809, 11.8297, 14.7486 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 11.9809, 11.8297, 14.7486 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 11.9809, 11.8297, 14.7486

Background



This preview shows how black text looks on a background with the XYZ color 11.9809, 11.8297, 14.7486.

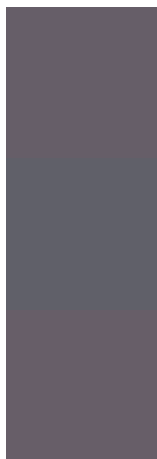


This preview shows how white text looks on a background with the XYZ color 11.9809, 11.8297,

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

11.9809, 11.8297, 14.7486

Protanopia

11.5565, 11.8725, 15.0471

Deuteranopia

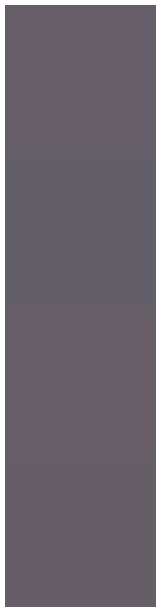
12.0949, 11.8884, 14.7539



Tritanopia

11.8805, 11.7895, 14.2198

Trichromacy



Original Color

11.9809, 11.8297, 14.7486

Protanomaly

11.6790, 11.8010, 15.0269

Deuteranomaly

12.0949, 11.8884, 14.7539

Tritanomaly

11.9304, 11.8095, 14.4826

Monochromacy



Original Color

11.9809, 11.8297, 14.7486

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.7205, 12.1221, 13.7787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9809, 11.8297, 14.7486 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(102, 94, 104)` looks like.

```
.text, #text, p{  
    color:rgb(102, 94, 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(102, 94, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 94, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.9809, 11.8297, 14.7486 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(102, 94, 104) }
```


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

```
.border{ border-color:rgb(102, 94, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 94, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 94, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 94, 104);  
box-shadow:4px 4px 4px 4px rgb(102, 94,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9809, 11.8297, 14.7486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 94, 104) }
```

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

```
.background{ background-color: rgb(102, 94,  
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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