

Converting Colors

XYZ(13.3572, 11.6205, 11.2256)

Have a look what the booklet for
XYZ(13.3572, 11.6205, 11.2256)
contains.

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Color

**XYZ(13.3416, 11.6047,
11.2096)**

Conversions

Conversions Part 1

Format	Color
Hex	7B565A
RGB	123, 86, 90
RGB Percent	48%, 34%, 35%
CMY	0.5176, 0.6627, 0.6471
CMYK	0.00, 0.30, 0.27, 0.52
HSL	354°, 18%, 41%
HSV	354°, 30%, 48%
XYZ	13.3416, 11.6047, 11.2096
YIQ	97.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

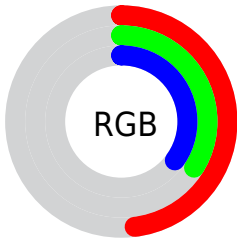
Format	Color
RYB	123, 86, 90
Decimal	8083034
CIELab	40.58, 15.97, 3.82
CIELCh	41, 16.419, 13.443
Yxy	11.6047, 0.3690, 0.3210
Android (android.graphics.Color)	4286273114 (0xFF7B565A)
YUV	97.5190, -3.7069, 22.3468
Hunter-Lab	34.0657, 10.2934, 4.3361

Details

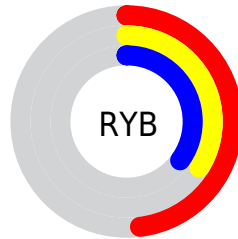
The XYZ color **13.3416, 11.6047, 11.2096** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.2509, 17.4765, 20.0758**, and the grayscale version is **11.4957, 12.0944, 13.1708**.

A 20% lighter version of the original color is **31.4423, 28.7319, 28.6996**, and **3.9801, 3.1235, 2.8757** is the 20% darker color. If you saturate the color by 10%, you get **12.0098, 9.6339, 8.6293**, and if you desaturate by 10%, it is **14.9121, 13.9422, 14.2098**.

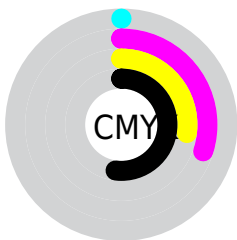
Distribution



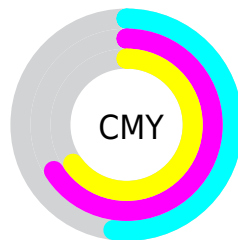
- Red (48%)
- Green (34%)
- Blue (35%)



- Red (48%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3416, 11.6047, 11.2096 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 13.3416, 11.6047, 11.2096 by changing the saturation by 10% instead.

■ 13.3416, 11.6047,
11.2096

■ 13.3416, 11.6047,
11.2096

206.6891,
201.7704, 209.8887

■ 7.7428, 6.4751,
6.0921

■ 31.5123, 28.7731,
28.6897

■ 3.9812, 3.1361,
2.8314

■ 44.8148, 41.5806,
41.8892

■ 1.6915, 1.2032,
1.0092

■ 61.4160, 57.7163,
58.6199

■ 0.4510, 0.0643,
0.0000

■ 81.6812, 77.5646,
79.3003

■ 0.0000, 0.0000,
0.0000

■ 105.9758,
101.5097, 104.3488

134.6651,

129.9361, 134.1840

168.1144,
163.2282, 169.2245

■ 13.3416, 11.6047,
11.2096

■ 13.3416, 11.6047,
11.2096

■ 12.0098, 9.6339,
8.6293

■ 14.9121, 13.9422,
14.2098

■ 10.9039, 8.0097,
6.4495

■ 16.7311, 16.6620,
17.6468

■ 10.0117, 6.7125,
4.6503

■ 18.8091, 19.7808,
21.5373

■ 9.3193, 5.7201,
3.2097

■ 21.1558, 23.3137,
25.8971

■ 8.8110, 5.0074,
2.1036

■ 23.7802, 27.2751,
30.7411

■ 8.4690, 4.5455,
1.3047

■ 26.6912, 31.6788,
36.0835

■ 8.2429, 4.2408,
0.7747

■ 29.8969, 36.5379,
41.9381

■ 33.4054, 41.8648,
48.3180

■ 37.2244, 47.6717,
55.2358

Harmonies

Analogous

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



13.3061, 11.6047, 14.5423



13.3416, 11.6047, 11.2096



12.7277, 11.6047, 8.7366

Triad

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



13.3416, 11.6047, 11.2096



9.5679, 11.6047, 8.5462



10.4072, 11.6047, 19.7908

Complementary

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



13.3416, 11.6047, 11.2096



14.2509, 17.4765, 20.0758

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.



9.4902, 11.6047, 17.5500



13.3416, 11.6047, 11.2096



9.0294, 11.6047, 10.9032

Square

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



13.3416, 11.6047, 11.2096



10.5201, 11.6047, 7.3906



9.0020, 11.6047, 14.1776



11.5560, 11.6047, 19.9121

Rectangle

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



13.3416, 11.6047, 11.2096



12.0562, 11.6047, 7.7447



9.0020, 11.6047, 14.1776



10.0636, 11.6047, 19.2448

Sweetspot

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



13.3419, 11.6052, 11.2098



30.2617, 30.2879, 32.1661



14.4676, 11.9858, 20.2899



7.0253, 6.9807, 7.3842



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.3419, 11.6052, 11.2098



22.2233, 18.3102, 16.8492



14.4232, 14.0328, 10.7532



4.0143, 4.0214, 4.2729



8.5261, 4.3866, 0.7952



40.5091, 20.8600, 2.9451

Inverse Universe

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



13.3419, 11.6052, 11.2098



22.2233, 18.3102, 16.8492



12.8624, 14.3071, 20.8225



4.0143, 4.0214, 4.2729



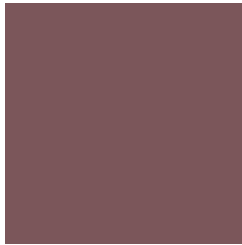
8.5261, 4.3866, 0.7952



40.5091, 20.8600, 2.9451

Previews

White Background



This preview shows how the XYZ color 13.3416, 11.6047, 11.2096 looks on a white background.

Color Contrast Check

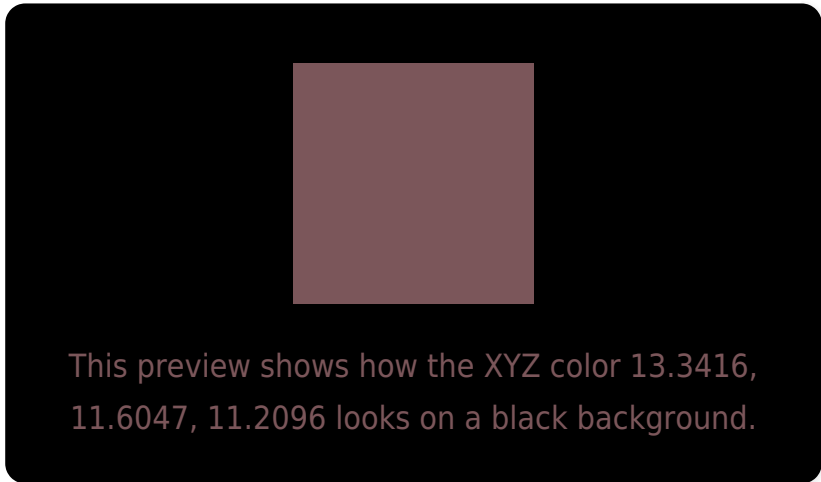
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.3416, 11.6047, 11.2096

Background



This preview shows how black text looks on a background with the XYZ color 13.3416, 11.6047, 11.2096.



This preview shows how white text looks on a background with the XYZ color 13.3416, 11.6047,

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

13.3416, 11.6047, 11.2096

Protanopia

11.1948, 11.6073, 12.4769

Deuteranopia

11.9019, 11.7381, 11.0896



Tritanopia

13.4279, 11.6392, 11.6641

Trichromacy



Original Color

13.3416, 11.6047, 11.2096

Protanomaly

11.8663, 11.5704, 11.9638

Deuteranomaly

12.2694, 11.5443, 11.0328

Tritanomaly

13.3845, 11.6219, 11.4353

Monochromacy



Original Color

13.3416, 11.6047, 11.2096

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.1317, 11.9574, 12.4951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3416, 11.6047, 11.2096 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(123, 86, 90)` looks like.

```
.text, #text, p{  
    color:rgb(123, 86, 90)  
}
```

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(123, 86, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 86, 90) }
```

Border

The CSS property to change the border of an element to XYZ 13.3416, 11.6047, 11.2096 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(123, 86, 90) }
```


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

```
.border{ border-color:rgb(123, 86, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 86, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 86, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 86, 90);  
box-shadow:4px 4px 4px 4px rgb(123, 86,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3416, 11.6047, 11.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 86, 90) }
```

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

```
.background{ background-color: rgb(123, 86,  
90) }
```

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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