

Converting Colors

XYZ(11.4844, 11.8794, 13.8990)

Have a look what the booklet for
XYZ(11.4844, 11.8794, 13.8990)
contains.

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Color

**XYZ(11.4616, 11.8467,
13.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	616065
RGB	97, 96, 101
RGB Percent	38%, 38%, 40%
CMY	0.6196, 0.6235, 0.6039
CMYK	0.04, 0.05, 0.00, 0.60
HSL	252°, 3%, 39%
HSV	252°, 5%, 40%
XYZ	11.4616, 11.8467, 13.9945
YIQ	96.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

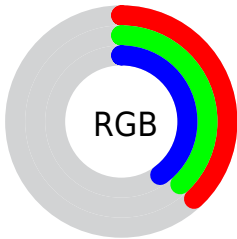
Format	Color
R_{YB}	97, 96, 101
Decimal	6381669
CIE Lab	40.97, 1.46, -2.71
CIE LCh	41, 3.073, 298.311
Yxy	11.8467, 0.3073, 0.3176
Android (android.graphics.Color)	4284571749 (0xFF616065)
YUV	96.8690, 2.0366, 0.1149
Hunter-Lab	34.4190, -0.7925, -0.0135

Details

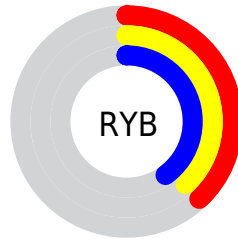
The XYZ color **11.4616, 11.8467, 13.9945** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0210, 12.8616, 12.9159**, and the grayscale version is **11.3257, 11.9156, 12.9760**.

A 20% lighter version of the original color is **28.1591, 29.1207, 33.8425**, and **3.1717, 3.2514, 3.9504** is the 20% darker color. If you saturate the color by 10%, you get **9.7810, 9.6994, 13.6688**, and if you desaturate by 10%, it is **13.3491, 14.2771, 14.3643**.

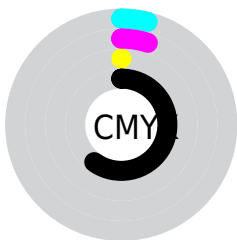
Distribution



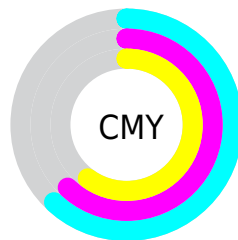
- Red (38%)
- Green (38%)
- Blue (40%)



- Red (38%)
- Yellow (38%)
- Blue (40%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (60%)



- Cyan (62%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4616, 11.8467, 13.9945 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 11.4616, 11.8467, 13.9945 by changing the saturation by 10% instead.

■ 11.4616, 11.8467,
13.9945

■ 11.4616, 11.8467,
13.9945

194.6512,
203.3877, 228.6239

■ 6.4478, 6.6394,
7.9781

■ 28.1361, 29.2156,
33.7963

■ 3.1625, 3.2376,
3.9934

■ 40.5275, 42.1460,
48.4187

■ 1.2402, 1.2570,
1.6217

■ 56.1088, 58.4194,
66.7470

■ 0.1378, 0.1075,
0.3062

■ 75.2453, 78.4205,
89.1995

■ 0.0000, 0.0000,
0.0000

98.3025, 102.5334,
116.1950

125.6456,

131.1427, 148.1518

157.6401,
164.6327, 185.4886

■ 11.4616, 11.8467,
13.9945

■ 11.4616, 11.8467,
13.9945

■ 9.7810, 9.6994,
13.6688

■ 13.3491, 14.2771,
14.3643

■ 8.2991, 7.8234,
13.3848

■ 15.4492, 16.9989,
14.7790

■ 7.0088, 6.2082,
13.1410

■ 17.7686, 20.0217,
15.2402

■ 5.9022, 4.8421,
12.9357

■ 20.3136, 23.3547,
15.7494

■ 4.9706, 3.7127,
12.7668

■ 23.0900, 27.0061,
16.3079

■ 4.2048, 2.8062,
12.6322

■ 26.1035, 30.9843,
16.9169

■ 3.5947, 2.1075,
12.5294

■ 29.3597, 35.2971,
17.5777

■ 3.1290, 1.5995,
12.4560

■ 32.8638, 39.9521,
18.2915

■ 2.7872, 1.2477,
12.4061

■ 36.6210, 44.9566,
19.0595

Harmonies

Analogous

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



11.2475, 11.8467, 14.1474



11.4616, 11.8467, 13.9945



11.6235, 11.8467, 13.5455

Triad

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



11.4616, 11.8467, 13.9945



11.4835, 11.8467, 11.8961



10.8427, 11.8467, 12.8634

Complementary

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



11.4616, 11.8467, 13.9945



12.0210, 12.8616, 12.9159

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.



10.9041, 11.8467, 12.2735



11.4616, 11.8467, 13.9945



11.2724, 11.8467, 11.7264

Square

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



11.4616, 11.8467, 13.9945



11.6362, 11.8467, 12.3334



11.0606, 11.8467, 11.8623



10.8919, 11.8467, 13.4817

Rectangle

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



11.4616, 11.8467, 13.9945



11.6790, 11.8467, 13.1459



11.0606, 11.8467, 11.8623



10.8510, 11.8467, 12.6553

Sweetspot

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



11.4619, 11.8472, 13.9948



20.9046, 21.9155, 24.2650



11.7384, 12.5571, 14.1172



5.1506, 5.4013, 5.9718



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.4619, 11.8472, 13.9948



19.3066, 19.8635, 23.9532



11.7235, 11.9820, 14.0070



2.8570, 2.9385, 3.5486



3.4317, 1.4133, 16.2363



17.3020, 7.0638, 84.6529

Inverse Universe

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



11.8504, 12.0531, 13.7591



20.1322, 20.3011, 23.4495



11.7575, 12.7257, 12.9035



2.9810, 3.0042, 3.4729



8.9617, 4.3976, 10.4623



46.4256, 22.8102, 52.9120

Previews

White Background



This preview shows how the XYZ color 11.4616, 11.8467, 13.9945 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 11.4616, 11.8467, 13.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

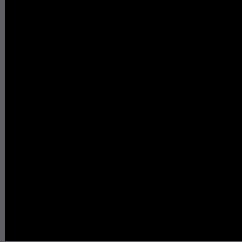
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4616, 11.8467, 13.9945

Background



This preview shows how black text looks on a background with the XYZ color 11.4616, 11.8467, 13.9945.



This preview shows how white text looks on a background with the XYZ color 11.4616, 11.8467,

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

11.4616, 11.8467, 13.9945

Protanopia

11.4616, 11.8467, 13.9945

Deuteranopia

12.0606, 11.8880, 13.9709



Tritanopia

11.5608, 11.8864, 14.5169

Trichromacy



Original Color

11.4616, 11.8467, 13.9945

Protanomaly

11.4616, 11.8467, 13.9945

Deuteranomaly

11.8080, 11.8907, 13.9847

Tritanomaly

11.5109, 11.8664, 14.2541

Monochromacy



Original Color

11.4616, 11.8467, 13.9945

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4091, 11.9726, 13.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4616, 11.8467, 13.9945 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(97, 96, 101) looks like.

```
.text, #text, p{  
    color:rgb(97, 96, 101)  
}
```

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(97, 96, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 96, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.4616, 11.8467, 13.9945 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(97, 96, 101) }
```


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

```
.border{ border-color:rgb(97, 96, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 96, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 96, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 96, 101);  
box-shadow:4px 4px 4px 4px rgb(97, 96,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4616, 11.8467, 13.9945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 96, 101) }
```

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

```
.background{ background-color: rgb(97, 96,  
101) }
```

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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