

Converting Colors

XYZ(11.6402, 13.3716, 12.7454)

Have a look what the booklet for
XYZ(11.6402, 13.3716, 12.7454)
contains.

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Color

**XYZ(11.6332, 13.4096,
12.8016)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6A5F
RGB	92, 106, 95
RGB Percent	36%, 42%, 37%
CMY	0.6392, 0.5843, 0.6274
CMYK	0.13, 0.00, 0.10, 0.58
HSL	133°, 7%, 39%
HSV	133°, 13%, 42%
XYZ	11.6332, 13.4096, 12.8016
YIQ	100.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

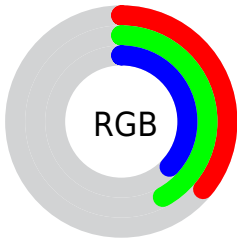
Format	Color
R_{YB}	92, 104, 106
Decimal	6056543
CIE _{Lab}	43.37, -7.67, 4.39
CIE _{LCh}	43, 8.839, 150.219
Yxy	13.4096, 0.3074, 0.3543
Android (android.graphics.Color)	4284246623 (0xFF5C6A5F)
YUV	100.5600, -2.7411, -7.5071
Hunter-Lab	36.6191, -7.3774, 4.9063

Details

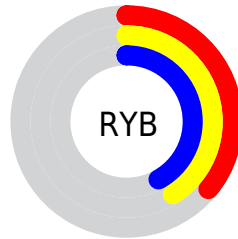
The XYZ color **11.6332, 13.4096, 12.8016** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2197, 11.6980, 14.4465**, and the grayscale version is **12.2644, 12.9031, 14.0514**.

A 20% lighter version of the original color is **28.3231, 31.9091, 31.4543**, and **3.2451, 3.9305, 3.4934** is the 20% darker color. If you saturate the color by 10%, you get **10.2890, 12.7584, 10.8670**, and if you desaturate by 10%, it is **13.1669, 14.1545, 14.9570**.

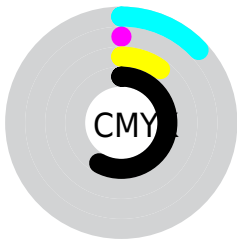
Distribution



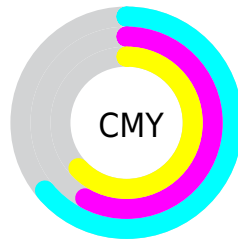
- Red (36%)
- Green (42%)
- Blue (37%)



- Red (36%)
- Yellow (41%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6332, 13.4096, 12.8016 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 11.6332, 13.4096, 12.8016 by changing the saturation by 10% instead.

■ 11.6332, 13.4096,
12.8016

■ 11.6332, 13.4096,
12.8016

195.7815,
213.5263, 220.8052

■ 6.5648, 7.7112,
7.1630

■ 28.4480, 32.0377,
31.6328

■ 3.2354, 3.9107,
3.4842

■ 40.9251, 45.7362,
45.6625

■ 1.2794, 1.6237,
1.3469

■ 56.6025, 62.8702,
63.3262

■ 0.1677, 0.3735,
0.0998

■ 75.8456, 83.8241,
85.0426

■ 0.0000, 0.0000,
0.0000

99.0197, 108.9822,
111.2302

126.4901,

138.7291, 142.3074

158.6223,
173.4490, 178.6929

■ 11.6332, 13.4096,
12.8016

■ 11.6332, 13.4096,
12.8016

■ 10.2890, 12.7584,
10.8670

■ 13.1669, 14.1545,
14.9570

■ 9.1257, 12.1956,
9.1453

■ 14.8959, 14.9949,
17.3390

■ 8.1358, 11.7179,
7.6296

■ 16.8272, 15.9347,
19.9542

■ 7.3109, 11.3209,
6.3120

■ 18.9671, 16.9769,
22.8087

■ 6.6418, 11.0002,
5.1844

■ 21.3216, 18.1245,
25.9085

■ 6.1183, 10.7508,
4.2380

■ 23.8966, 19.3804,
29.2591

■ 5.7292, 10.5669,
3.4631

■ 26.6975, 20.7474,
32.8662

■ 5.4584, 10.4407,
2.8494

■ 29.7298, 22.2281,
36.7350

■ 5.3061, 10.3693,
2.5174

■ 32.9986, 23.8251,
40.8707

Harmonies

Analogous

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



12.0922, 13.4096, 11.5703



11.6332, 13.4096, 12.8016



11.4699, 13.4096, 14.6152

Triad

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



11.6332, 13.4096, 12.8016



12.7505, 13.4096, 18.7190



13.9210, 13.4096, 12.7787

Complementary

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



11.6332, 13.4096, 12.8016



12.2197, 11.6980, 14.4465

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.



14.1122, 13.4096, 14.5863



11.6332, 13.4096, 12.8016



13.4217, 13.4096, 18.1190

Square

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



11.6332, 13.4096, 12.8016



12.1007, 13.4096, 18.1357



13.9264, 13.4096, 16.5611



13.4127, 13.4096, 11.5579

Rectangle

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



11.6332, 13.4096, 12.8016



11.5459, 13.4096, 15.9474



13.9264, 13.4096, 16.5611



14.0253, 13.4096, 13.3322

Sweetspot

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



11.6336, 13.4102, 12.8019



22.8507, 24.7158, 25.8916



12.7028, 13.9768, 12.1536



5.3136, 5.7706, 6.0105



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.



11.6336, 13.4102, 12.8019



19.6177, 23.1468, 21.3270



11.9564, 13.5393, 14.5021



3.0881, 3.4544, 3.4478



6.5732, 12.8634, 3.0637



33.2220, 65.4359, 14.1819

Inverse Universe

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



12.2197, 11.6980, 14.4465



20.8711, 19.4850, 24.8438



11.8919, 11.5669, 12.7208



3.1912, 3.1533, 3.7370



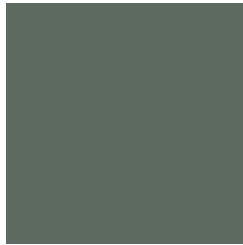
9.3156, 4.5783, 10.5562



47.1395, 23.1977, 52.0647

Previews

White Background



This preview shows how the XYZ color 11.6332, 13.4096, 12.8016 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 11.6332, 13.4096, 12.8016 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 11.6332, 13.4096, 12.8016

Background



This preview shows how black text looks on a background with the XYZ color 11.6332, 13.4096, 12.8016.

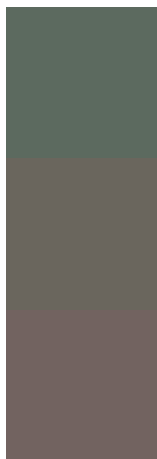


This preview shows how white text looks on a background with the XYZ color 11.6332, 13.4096,

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

11.6332, 13.4096, 12.8016

Protanopia

12.6710, 13.3572, 12.2663

Deuteranopia

13.5126, 13.3456, 12.9301



Tritanopia

12.5943, 13.5034, 17.2719

Trichromacy



Original Color

11.6332, 13.4096, 12.8016

Protanomaly

12.2375, 13.2753, 12.5071

Deuteranomaly

12.8065, 13.4114, 12.9800

Tritanomaly

12.2692, 13.5234, 15.5993

Monochromacy



Original Color

11.6332, 13.4096, 12.8016

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1394, 13.1980, 13.7120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6332, 13.4096, 12.8016 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(92, 106, 95) looks like.

```
.text, #text, p{  
    color:rgb(92, 106, 95)  
}
```

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(92, 106, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 106, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.6332, 13.4096, 12.8016 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(92, 106, 95) }
```


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

```
.border{ border-color:rgb(92, 106, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 106, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 106, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 106, 95);  
box-shadow:4px 4px 4px 4px rgb(92, 106,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6332, 13.4096, 12.8016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 106, 95) }
```

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

```
.background{ background-color: rgb(92, 106,  
95) }
```

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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