

Converting Colors

XYZ(11.4478, 12.8964, 10.8962)

Have a look what the booklet for
XYZ(11.4478, 12.8964, 10.8962)
contains.

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Color

**XYZ(11.5003, 12.9300,
10.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	616757
RGB	97, 103, 87
RGB Percent	38%, 40%, 34%
CMY	0.6196, 0.5961, 0.6588
CMYK	0.06, 0.00, 0.16, 0.60
HSL	83°, 8%, 37%
HSV	83°, 16%, 40%
XYZ	11.5003, 12.9300, 10.9064
YIQ	99.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

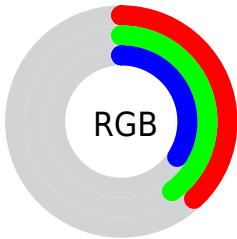
Format	Color
R_{YB}	87, 103, 93
Decimal	6383447
CIE Lab	42.66, -5.53, 8.25
CIE LCh	43, 9.934, 123.846
Yxy	12.9300, 0.3254, 0.3659
Android (android.graphics.Color)	4284573527 (0xFF616757)
YUV	99.3820, -6.1043, -2.0890
Hunter-Lab	35.9583, -5.8386, 7.1878

Details

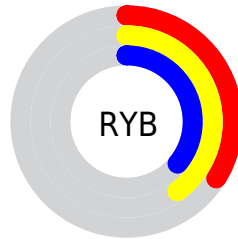
The XYZ color **11.5003, 12.9300, 10.9064** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3711, 10.1231, 14.2400**, and the grayscale version is **11.9711, 12.5945, 13.7155**.

A 20% lighter version of the original color is **28.2837, 31.2132, 28.2010**, and **3.1973, 3.6993, 2.7360** is the 20% darker color. If you saturate the color by 10%, you get **10.7076, 12.5669, 8.8272**, and if you desaturate by 10%, it is **12.3739, 13.3286, 13.3035**.

Distribution



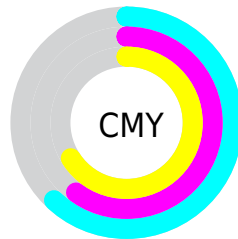
- Red (38%)
- Green (40%)
- Blue (34%)



- Red (34%)
- Yellow (40%)
- Blue (36%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5003, 12.9300, 10.9064 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 11.5003, 12.9300, 10.9064 by changing the saturation by 10% instead.

■ 11.5003, 12.9300,
10.9064

■ 11.5003, 12.9300,
10.9064

194.9067,
210.4686, 207.7386

■ 6.4742, 7.3804,
5.8905

■ 28.2065, 31.1780,
28.1210

■ 3.1789, 3.7011,
2.7109

■ 40.6173, 44.6451,
41.1567

■ 1.2490, 1.5078,
0.9489

■ 56.2203, 61.5202,
57.7029

■ 0.1446, 0.2942,
0.0000

■ 75.3809, 82.1876,
78.1780

■ 0.0000, 0.0000,
0.0000

■ 98.4645, 107.0317,
103.0006

125.8365,

136.4370, 132.5892

157.8621,
170.7878, 167.3624

■ 11.5003, 12.9300,
10.9064

■ 11.5003, 12.9300,
10.9064

■ 10.7076, 12.5669,
8.8272

■ 12.3739, 13.3286,
13.3035

■ 9.9918, 12.2365,
7.0516

■ 13.3299, 13.7620,
16.0301

■ 9.3504, 11.9380,
5.5657

■ 14.3712, 14.2320,
19.0985

■ 8.7800, 11.6703,
4.3539

■ 15.5002, 14.7395,
22.5198

■ 8.2773, 11.4317,
3.3995

■ 16.7192, 15.2854,
26.3050

■ 7.8383, 11.2207,
2.6837

■ 18.0305, 15.8707,
30.4641

■ 7.4586, 11.0357,
2.1852

■ 19.4362, 16.4963,
35.0073

■ 7.1287, 10.8725,
1.8549

■ 20.9382, 17.1629,
39.9439

■ 6.9888, 10.8033,
1.7169

■ 22.5387, 17.8714,
45.2832

Harmonies

Analogous

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



12.1927, 12.9300, 10.3317



11.5003, 12.9300, 10.9064



11.0346, 12.9300, 12.3279

Triad

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



11.5003, 12.9300, 10.9064



11.6620, 12.9300, 18.1404



13.7923, 12.9300, 13.8022

Complementary

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



11.5003, 12.9300, 10.9064



10.3711, 10.1231, 14.2400

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.



13.6362, 12.9300, 15.9876



11.5003, 12.9300, 10.9064



12.3870, 12.9300, 18.6368

Square

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



11.5003, 12.9300, 10.9064



11.1253, 12.9300, 16.5179



13.1142, 12.9300, 17.8129



13.5324, 12.9300, 11.8921

Rectangle

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



11.5003, 12.9300, 10.9064



10.9049, 12.9300, 13.6385



13.1142, 12.9300, 17.8129



13.7868, 12.9300, 14.5280

Sweetspot

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



11.5006, 12.9306, 10.9067



22.2193, 23.8940, 23.9987



11.2169, 11.3774, 10.6218



5.4003, 5.8202, 5.7972



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.



11.5006, 12.9306, 10.9067



20.0040, 22.8832, 17.9640



10.7036, 12.5197, 10.8694



2.9458, 3.2193, 3.0406



8.7530, 13.5710, 2.1581



44.6603, 70.2692, 11.2095

Inverse Universe

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



10.3711, 10.1231, 14.2400



17.5248, 16.7209, 25.2809



11.2087, 10.5550, 14.2792



2.7808, 2.8090, 3.5276



4.0782, 1.7466, 16.2665



20.3659, 8.6432, 84.7963

Previews

White Background



This preview shows how the XYZ color 11.5003, 12.9300, 10.9064 looks on a white background.

Color Contrast Check

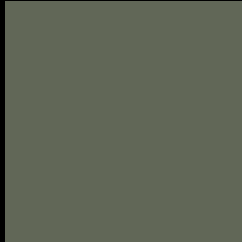
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5003, 12.9300, 10.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

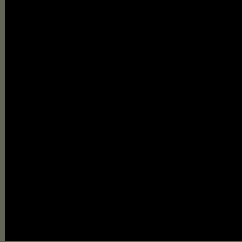
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5003, 12.9300, 10.9064

Background



This preview shows how black text looks on a background with the XYZ color 11.5003, 12.9300, 10.9064.



This preview shows how white text looks on a background with the XYZ color 11.5003, 12.9300,

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

11.5003, 12.9300, 10.9064

Protanopia

12.1807, 12.8504, 10.6425

Deuteranopia

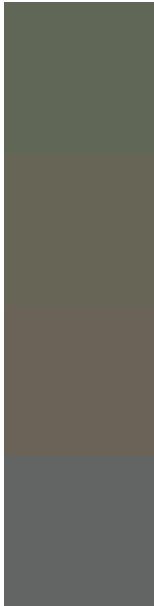
13.1064, 12.8988, 11.0315



Tritanopia

12.5195, 12.9064, 16.0187

Trichromacy



Original Color

11.5003, 12.9300, 10.9064

Protanomaly

11.9269, 12.8628, 10.6583

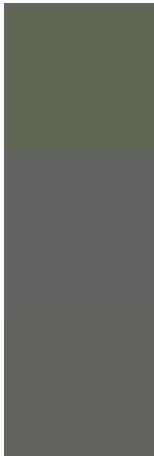
Deuteranomaly

12.4076, 12.8164, 11.0524

Tritanomaly

12.0995, 12.8801, 13.9050

Monochromacy



Original Color

11.5003, 12.9300, 10.9064

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.6597, 12.5372, 12.6319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5003, 12.9300, 10.9064 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, 103, 87) looks like.

```
.text, #text, p{  
    color:rgb(97, 103, 87)  
}
```

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, 103, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 103, 87) }
```

Border

The CSS property to change the border of an element to XYZ 11.5003, 12.9300, 10.9064 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, 103, 87) }
```


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

```
.border{ border-color:rgb(97, 103, 87) }
```

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

Here you see how a box with a 4 pixel rgb(97, 103, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 103, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 103, 87);  
box-shadow:4px 4px 4px 4px rgb(97, 103,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5003, 12.9300, 10.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 103, 87) }
```

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

```
.background{ background-color: rgb(97, 103,  
87) }
```

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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