

Converting Colors

XYZ(11.5999, 10.9969, 13.1998)

Have a look what the booklet for
XYZ(11.5999, 10.9969, 13.1998)
contains.

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Color

**XYZ(11.6502, 11.0489,
13.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	695963
RGB	105, 89, 99
RGB Percent	41%, 35%, 39%
CMY	0.5882, 0.6510, 0.6118
CMYK	0.00, 0.15, 0.06, 0.59
HSL	323°, 8%, 38%
HSV	323°, 15%, 41%
XYZ	11.6502, 11.0489, 13.3230
YIQ	94.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

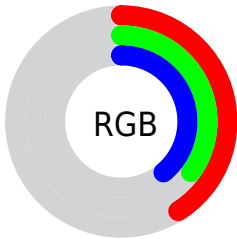
Format	Color
R _Y B	105, 89, 99
Decimal	6904163
CIE Lab	39.66, 8.45, -3.32
CIE LCh	40, 9.075, 338.535
Yxy	11.0489, 0.3234, 0.3067
Android (android.graphics.Color)	4285094243 (0xFF695963)
YUV	94.9240, 2.0095, 8.8367
Hunter-Lab	33.2399, 4.3924, -0.4963

Details

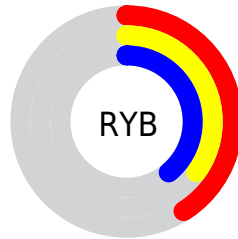
The XYZ color **11.6502, 11.0489, 13.3230** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2374, 13.0535, 12.7544**, and the grayscale version is **10.8536, 11.4188, 12.4351**.

A 20% lighter version of the original color is **28.4479, 27.7352, 32.7082**, and **3.2514, 2.8843, 3.7535** is the 20% darker color. If you saturate the color by 10%, you get **10.6544, 9.3512, 12.0848**, and if you desaturate by 10%, it is **12.7805, 13.0006, 14.6516**.

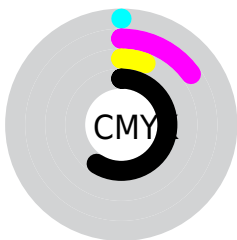
Distribution



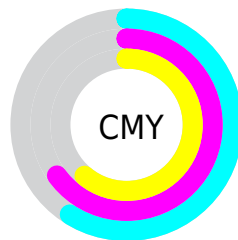
- Red (41%)
- Green (35%)
- Blue (39%)



- Red (41%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (59%)



- Cyan (59%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6502, 11.0489, 13.3230 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 11.6502, 11.0489, 13.3230 by changing the saturation by 10% instead.

■ 11.6502, 11.0489,
13.3230

■ 11.6502, 11.0489,
13.3230

195.8931,
198.0027, 224.2575

■ 6.5765, 6.0997,
7.5180

■ 28.4788, 27.7506,
32.5825

■ 3.2426, 2.9058,
3.7048

■ 40.9644, 40.2718,
46.8741

■ 1.2833, 1.0828,
1.4648

■ 56.6513, 56.0859,
64.8317

■ 0.1707, 0.0000,
0.1915

■ 75.9049, 75.5773,
86.8737

■ 0.0000, 0.0000,
0.0000

■ 99.0905, 99.1302,
113.4188

126.5735,

127.1292, 144.8854

158.7193,
159.9586, 181.6921

■ 11.6502, 11.0489,
13.3230

■ 11.6502, 11.0489,
13.3230

■ 10.6544, 9.3512,
12.0848

■ 12.7805, 13.0006,
14.6516

■ 9.7867, 7.8954,
10.9339

■ 14.0493, 15.2147,
16.0721

■ 9.0418, 6.6707,
9.8679

■ 15.4619, 17.7011,
17.5872

■ 8.4133, 5.6649,
8.8841

■ 17.0227, 20.4688,
19.1987

■ 7.8946, 4.8647,
7.9795

■ 18.7362, 23.5262,
20.9089

7.4780, 4.2553,
7.1510

20.6064, 26.8815,
22.7197

7.1551, 3.8198,
6.3949

22.6374, 30.5426,
24.6330

6.9081, 3.5231,
5.7046

24.8331, 34.5169,
26.6506

6.7980, 3.3922,
5.3923

27.1972, 38.8118,
28.7743

Harmonies

Analogous

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



11.2617, 11.0489, 14.9024



11.6502, 11.0489, 13.3230



11.7248, 11.0489, 11.5309

Triad

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



11.6502, 11.0489, 13.3230



10.3258, 11.0489, 8.9610



9.5968, 11.0489, 14.2844

Complementary

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



11.6502, 11.0489, 13.3230



11.2374, 13.0535, 12.7544

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.



9.3667, 11.0489, 12.5441



11.6502, 11.0489, 13.3230



9.7766, 11.0489, 9.5533

Square

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



11.6502, 11.0489, 13.3230



10.9438, 11.0489, 9.1255



9.4312, 11.0489, 10.8242



10.0716, 11.0489, 15.4943

Rectangle

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



11.6502, 11.0489, 13.3230



11.5838, 11.0489, 10.4726



9.4312, 11.0489, 10.8242



9.4891, 11.0489, 13.7355

Sweetspot

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



11.6505, 11.0494, 13.3232



22.9046, 23.3133, 26.2579



10.8281, 10.5910, 14.8383



5.3400, 5.4170, 6.1218



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.



11.6505, 11.0494, 13.3232



20.2501, 18.7380, 23.1113



11.2926, 10.9062, 11.4382



3.1718, 3.1456, 3.6349



8.5893, 4.2879, 6.7319



43.3354, 21.6761, 32.0325

Inverse Universe

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



11.6505, 11.0494, 13.3232



20.2501, 18.7380, 23.1113



11.6132, 13.2038, 14.7336



3.1718, 3.1456, 3.6349



8.5893, 4.2879, 6.7319



43.3354, 21.6761, 32.0325

Previews

White Background



This preview shows how the XYZ color 11.6502, 11.0489, 13.3230 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 11.6502, 11.0489, 13.3230 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 11.6502, 11.0489, 13.3230

Background



This preview shows how black text looks on a background with the XYZ color 11.6502, 11.0489, 13.3230.



This preview shows how white text looks on a background with the XYZ color 11.6502, 11.0489,

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

11.6502, 11.0489, 13.3230

Protanopia

10.7775, 11.0954, 13.8855

Deuteranopia

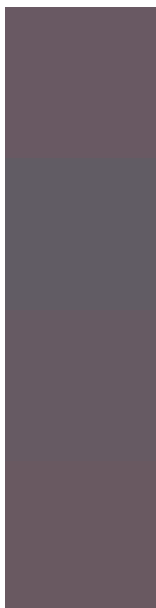
11.2487, 11.0923, 13.3525



Tritanopia

11.5094, 10.9925, 12.5815

Trichromacy



Original Color

11.6502, 11.0489, 13.3230

Protanomaly

11.0572, 11.1158, 13.6194

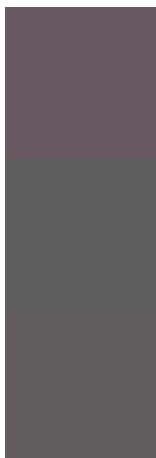
Deuteranomaly

11.3878, 11.0380, 13.3347

Tritanomaly

11.5557, 11.0111, 12.8256

Monochromacy



Original Color

11.6502, 11.0489, 13.3230

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1713, 11.3259, 12.6637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6502, 11.0489, 13.3230 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(105, 89, 99)` looks like.

```
.text, #text, p{  
    color:rgb(105, 89, 99)  
}
```

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(105, 89, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 89, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.6502, 11.0489, 13.3230 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(105, 89, 99) }
```


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

```
.border{ border-color:rgb(105, 89, 99) }
```

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

Here you see how a box with a 4 pixel rgb(105, 89, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 89, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 89, 99);  
box-shadow:4px 4px 4px 4px rgb(105, 89,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6502, 11.0489, 13.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 89, 99) }
```

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

```
.background{ background-color: rgb(105, 89,  
99) }
```

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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