

Converting Colors

XYZ(11.6705, 11.8893, 4.8117)

Have a look what the booklet for
XYZ(11.6705, 11.8893, 4.8117)
contains.

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Color

**XYZ(11.6705, 11.8893,
4.8117)**

Conversions

Conversions Part 1

Format	Color
Hex	735E33
RGB	115, 94, 51
RGB Percent	45%, 37%, 20%
CMY	0.5490, 0.6314, 0.8000
CMYK	0.00, 0.18, 0.56, 0.55
HSL	40°, 39%, 33%
HSV	40°, 56%, 45%
XYZ	11.6705, 11.8893, 4.8117
YIQ	95.3770, 26.3190, -8.9210

Conversions

Conversions Part 2

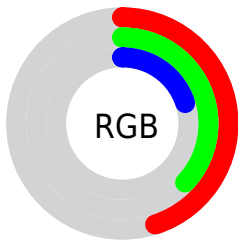
Format	Color
R_{YB}	82, 115, 51
Decimal	7560755
CIE Lab	41.04, 2.66, 27.63
CIE LCh	41, 27.762, 84.512
Yxy	11.8893, 0.4113, 0.4191
Android (android.graphics.Color)	4285750835 (0xFF735E33)
YUV	95.3770, -21.8779, 17.2094
Hunter-Lab	34.4809, 0.0741, 15.8629

Details

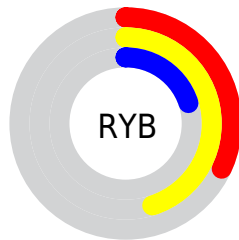
The XYZ color **11.6705, 11.8893, 4.8117** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.7770, 6.5760, 17.1317**, and the grayscale version is **11.0146, 11.5882, 12.6195**.

A 20% lighter version of the original color is **28.5876, 29.2824, 15.9497**, and **3.2643, 3.2487, 0.5986** is the 20% darker color. If you saturate the color by 10%, you get **11.1204, 11.1459, 3.5285**, and if you desaturate by 10%, it is **12.3003, 12.6917, 6.4313**.

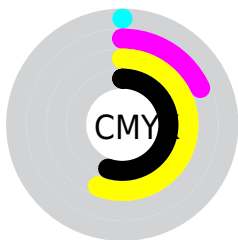
Distribution



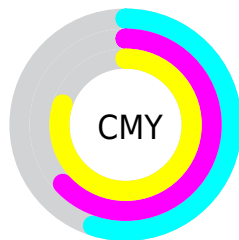
- Red (45%)
- Green (37%)
- Blue (20%)



- Red (32%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (56%)
- Black (55%)



- Cyan (55%)
- Magenta (63%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6705, 11.8893, 4.8117 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 11.6705, 11.8893, 4.8117 by changing the saturation by 10% instead.

■ 11.6705, 11.8893,
4.8117

■ 11.6705, 11.8893,
4.8117

196.0263,
203.6710, 156.8603

■ 6.5903, 6.6683,
2.0804

■ 28.5156, 29.2933,
15.8423

■ 3.2513, 3.2556,
0.6041

■ 41.0113, 42.2452,
24.9787

■ 1.2880, 1.2666,
0.0000

■ 56.7096, 58.5428,
37.0872

■ 0.1742, 0.1151,
0.0000

■ 75.9757, 78.5706,
52.5863

■ 0.0000, 0.0000,
0.0000

■ 99.1751, 102.7129,
71.8947

■ 126.6731,

131.3541, 95.4308

158.8350,
164.8787, 123.6131

■ 11.6705, 11.8893,
4.8117

■ 11.6705, 11.8893,
4.8117

■ 11.1204, 11.1459,
3.5285

■ 12.3003, 12.6917,
6.4313

■ 10.6443, 10.4576,
2.5562

■ 13.0135, 13.5536,
8.4090

■ 10.2367, 9.8221,
1.8664

■ 13.8143, 14.4776,
10.7654

■ 9.8872, 9.2351,
1.4050

■ 14.7067, 15.4654,
13.5195

■ 9.7431, 8.9906,
1.2218

■ 15.6941, 16.5190,
16.6889

■ 16.7799, 17.6399,
20.2900

■ 17.9673, 18.8298,
24.3387

■ 19.2592, 20.0901,
28.8497

■ 20.6586, 21.4224,
33.8371

Harmonies

Analogous

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



13.6716, 11.8893, 5.9133



11.6705, 11.8893, 4.8117



9.7855, 11.8893, 5.3130

Triad

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



11.6705, 11.8893, 4.8117



8.1629, 11.8893, 18.0475



14.7128, 11.8893, 20.4100

Complementary

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



11.6705, 11.8893, 4.8117



6.7770, 6.5760, 17.1317

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.



12.9642, 11.8893, 25.7023



11.6705, 11.8893, 4.8117



9.2206, 11.8893, 24.0813

Square

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



11.6705, 11.8893, 4.8117



7.9021, 11.8893, 11.9250



10.9383, 11.8893, 27.2124



15.5553, 11.8893, 14.0225

Rectangle

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



11.6705, 11.8893, 4.8117



8.8236, 11.8893, 6.5956



10.9383, 11.8893, 27.2124



14.2022, 11.8893, 22.4429

Sweetspot

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



11.6708, 11.8899, 4.8119



26.0360, 27.3678, 23.2700



9.4347, 6.4848, 6.9426



6.1520, 6.4640, 5.3666



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.6708, 11.8899, 4.8119



19.6344, 19.5653, 5.7196



12.4760, 15.4635, 5.4593



3.8702, 4.0734, 3.9246



11.1185, 10.2382, 1.3902



53.3752, 48.2790, 6.5056

Inverse Universe

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



6.7770, 6.5760, 17.1317



9.9113, 9.0293, 30.2650



6.2442, 4.6190, 16.7821



3.5897, 3.7680, 4.6283



4.3018, 2.9432, 18.8839



20.2559, 12.9284, 91.7881

Previews

White Background



This preview shows how the XYZ color 11.6705, 11.8893, 4.8117 looks on a white background.

Color Contrast Check

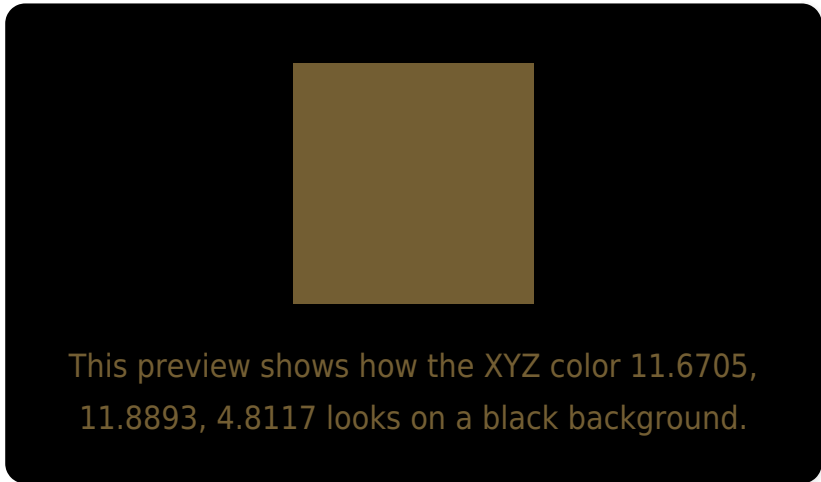
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6705, 11.8893, 4.8117

Background



This preview shows how black text looks on a background with the XYZ color 11.6705, 11.8893, 4.8117.



This preview shows how white text looks on a background with the XYZ color 11.6705, 11.8893,

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

11.6705, 11.8893, 4.8117

Protanopia

10.9579, 11.9231, 4.9727

Deuteranopia

12.0324, 11.8152, 4.7784



Tritanopia

13.2914, 11.9112, 12.6649

Trichromacy



Original Color

11.6705, 11.8893, 4.8117

Protanomaly

11.2331, 11.9287, 4.9592

Deuteranomaly

11.9831, 11.9193, 4.8010

Tritanomaly

12.6603, 11.9129, 9.2216

Monochromacy



Original Color

11.6705, 11.8893, 4.8117

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.9830, 11.5737, 9.0522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6705, 11.8893, 4.8117 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(115, 94, 51)` looks like.

```
.text, #text, p{  
    color:rgb(115, 94, 51)  
}
```

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(115, 94, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 94, 51) }
```

Border

The CSS property to change the border of an element to XYZ 11.6705, 11.8893, 4.8117 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(115, 94, 51) }
```


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

```
.border{ border-color:rgb(115, 94, 51) }
```

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

Here you see how a box with a 4 pixel rgb(115, 94, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 94, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 94, 51);  
box-shadow:4px 4px 4px 4px rgb(115, 94,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6705, 11.8893, 4.8117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 94, 51) }
```

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

```
.background{ background-color: rgb(115, 94,  
51) }
```

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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