

Converting Colors

XYZ(11.9160, 12.0133, 7.7889)

Have a look what the booklet for
XYZ(11.9160, 12.0133, 7.7889)
contains.

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Color

**XYZ(11.8545, 11.9180,
7.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	705E48
RGB	112, 94, 72
RGB Percent	44%, 37%, 28%
CMY	0.5608, 0.6314, 0.7176
CMYK	0.00, 0.16, 0.36, 0.56
HSL	33°, 22%, 36%
HSV	33°, 36%, 44%
XYZ	11.8545, 11.9180, 7.8065
YIQ	96.8740, 17.7900, -3.0260

Conversions

Conversions Part 2

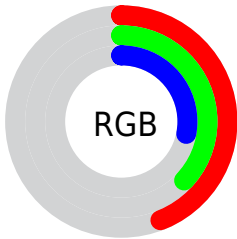
Format	Color
R_{YB}	105, 112, 72
Decimal	7364168
CIE _{Lab}	41.09, 3.76, 15.34
CIE _{LCh}	41, 15.790, 76.237
Yxy	11.9180, 0.3754, 0.3774
Android (android.graphics.Color)	4285554248 (0xFF705E48)
YUV	96.8740, -12.2629, 13.2655
Hunter-Lab	34.5225, 0.8800, 10.7586

Details

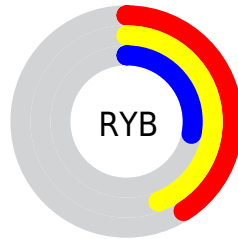
The XYZ color **11.8545, 11.9180, 7.8065** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.2532, 9.8597, 16.7447**, and the grayscale version is **11.3577, 11.9491, 13.0126**.

A 20% lighter version of the original color is **28.7343, 29.2195, 22.2146**, and **3.3165, 3.2545, 1.5520** is the 20% darker color. If you saturate the color by 10%, you get **11.0884, 10.9182, 5.9098**, and if you desaturate by 10%, it is **12.7171, 13.0041, 10.0641**.

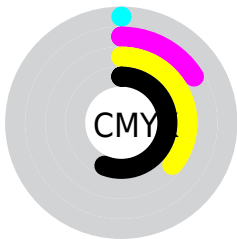
Distribution



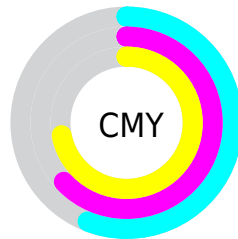
- Red (44%)
- Green (37%)
- Blue (28%)



- Red (41%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8545, 11.9180, 7.8065 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 11.8545, 11.9180, 7.8065 by changing the saturation by 10% instead.

■ 11.8545, 11.9180,
7.8065

■ 11.8545, 11.9180,
7.8065

197.2293,
203.8617, 184.0839

■ 6.7162, 6.6879,
3.8854

■ 28.8490, 29.3457,
22.1181

■ 3.3300, 3.2677,
1.5627

■ 41.4359, 42.3120,
33.3457

■ 1.3306, 1.2730,
0.2640

■ 57.2363, 58.6258,
47.8458

■ 0.2059, 0.1202,
0.0000

■ 76.6156, 78.6716,
66.0370

■ 0.0000, 0.0000,
0.0000

■ 99.9393, 102.8337,
88.3379

127.5725,

131.4964, 115.1670

159.8807,
165.0443, 146.9428

■ 11.8545, 11.9180,
7.8065

■ 11.8545, 11.9180,
7.8065

■ 11.0884, 10.9182,
5.9098

■ 12.7171, 13.0041,
10.0641

■ 10.4137, 10.0005,
4.3541

■ 13.6791, 14.1772,
12.6998

■ 9.8261, 9.1626,
3.1185

■ 14.7445, 15.4402,
15.7303

■ 9.3207, 8.4017,
2.1796

■ 15.9167, 16.7953,
19.1713

■ 8.8919, 7.7146,
1.5107

■ 17.1991, 18.2446,
23.0375

■ 8.5287, 7.0958,
1.0580

■ 18.5947, 19.7900,
27.3430

■ 8.3834, 6.8473,
0.8798

■ 20.1065, 21.4337,
32.1012

■ 21.7374, 23.1775,
37.3248

■ 23.4902, 25.0231,
43.0262

Harmonies

Analogous

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



12.9041, 11.9180, 8.9684



11.8545, 11.9180, 7.8065



10.7288, 11.9180, 7.8563

Triad

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



11.8545, 11.9180, 7.8065



9.3602, 11.9180, 14.8025



12.9768, 11.9180, 17.7938

Complementary

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



11.8545, 11.9180, 7.8065



9.2532, 9.8597, 16.7447

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.



11.9485, 11.9180, 19.9444



11.8545, 11.9180, 7.8065



9.8852, 11.9180, 18.0302

Square

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



11.8545, 11.9180, 7.8065



9.3388, 11.9180, 11.5468



10.8167, 11.9180, 20.0375



13.5807, 11.9180, 14.5200

Rectangle

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



11.8545, 11.9180, 7.8065



10.0868, 11.9180, 8.5628



10.8167, 11.9180, 20.0375



12.6664, 11.9180, 18.6944

Sweetspot

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



11.8548, 11.9186, 7.8067



24.8362, 25.8680, 24.5791



10.8450, 8.8178, 10.8034



5.9220, 6.1613, 5.7780



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.8548, 11.9186, 7.8067



19.6823, 19.4496, 10.8700



13.3944, 15.3713, 8.3920



3.5223, 3.6772, 3.5975



9.6687, 7.8699, 1.0094



47.2934, 37.4620, 4.7382

Inverse Universe

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



9.2532, 9.8597, 16.7447



14.3732, 15.2499, 29.1158



8.0662, 7.2606, 16.3056



3.3297, 3.5246, 4.2590



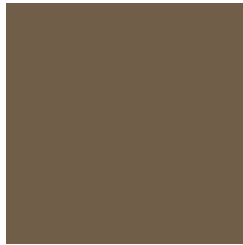
4.6968, 3.9839, 18.2430



22.5591, 18.1702, 90.5973

Previews

White Background



This preview shows how the XYZ color 11.8545, 11.9180, 7.8065 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 11.8545, 11.9180, 7.8065 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 11.8545, 11.9180, 7.8065

Background



This preview shows how black text looks on a background with the XYZ color 11.8545, 11.9180, 7.8065.



This preview shows how white text looks on a background with the XYZ color 11.8545, 11.9180,

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

11.8545, 11.9180, 7.8065

Protanopia

11.1862, 11.9735, 8.0249

Deuteranopia

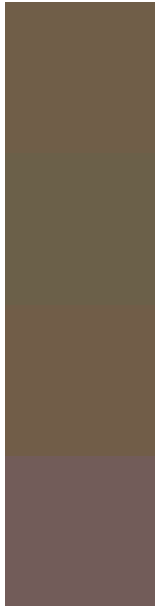
12.0235, 11.8740, 7.7891



Tritanopia

13.0159, 12.0089, 13.1872

Trichromacy



Original Color

11.8545, 11.9180, 7.8065

Protanomaly

11.4489, 11.9726, 8.0108

Deuteranomaly

11.8941, 11.8073, 7.7830

Tritanomaly

12.5697, 11.9530, 11.0958

Monochromacy



Original Color

11.8545, 11.9180, 7.8065

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4238, 11.8951, 10.9264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8545, 11.9180, 7.8065 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(112, 94, 72)` looks like.

```
.text, #text, p{  
    color:rgb(112, 94, 72)  
}
```

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(112, 94, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 94, 72) }
```

Border

The CSS property to change the border of an element to XYZ 11.8545, 11.9180, 7.8065 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(112, 94, 72) }
```


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

```
.border{ border-color:rgb(112, 94, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 94, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 94, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 94, 72);  
box-shadow:4px 4px 4px 4px rgb(112, 94,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8545, 11.9180, 7.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 94, 72) }
```

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

```
.background{ background-color: rgb(112, 94,  
72) }
```

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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