

Converting Colors

XYZ(15.0305, 11.6558, 6.4542)

Have a look what the booklet for
XYZ(15.0305, 11.6558, 6.4542)
contains.

XYZ(15.0062, 11.6701, 6.4627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0062, 11.6701,
6.4627)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4E41
RGB	143, 78, 65
RGB Percent	56%, 31%, 25%
CMY	0.4392, 0.6941, 0.7451
CMYK	0.00, 0.45, 0.55, 0.44
HSL	10°, 37%, 41%
HSV	10°, 55%, 56%
XYZ	15.0062, 11.6701, 6.4627
YIQ	95.9530, 42.9130, 9.7370

Conversions

Conversions Part 2

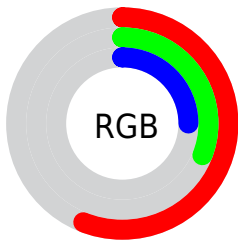
Format	Color
R_{YB}	143, 81, 65
Decimal	9391681
CIE Lab	40.69, 25.90, 19.72
CIE LCh	41, 32.552, 37.288
Yxy	11.6701, 0.4528, 0.3522
Android (android.graphics.Color)	4287581761 (0xFF8F4E41)
YUV	95.9530, -15.2598, 41.2602
Hunter-Lab	34.1615, 18.6274, 12.6965

Details

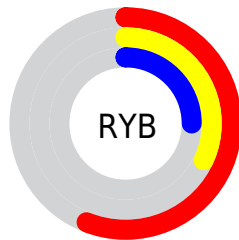
The XYZ color **15.0062, 11.6701, 6.4627** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1200, 19.0711, 28.8706**, and the grayscale version is **11.1357, 11.7156, 12.7583**.

A 20% lighter version of the original color is **34.5192, 28.9100, 19.3836**, and **4.7546, 3.1617, 1.1187** is the 20% darker color. If you saturate the color by 10%, you get **13.8720, 9.9828, 4.2933**, and if you desaturate by 10%, it is **16.3993, 13.7074, 9.2362**.

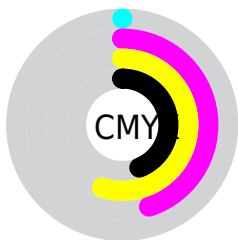
Distribution



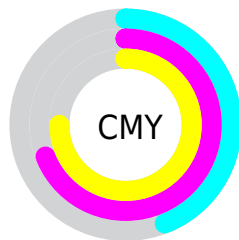
- Red (56%)
- Green (31%)
- Blue (25%)



- Red (56%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (55%)
- Black (44%)





- Cyan (44%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0062, 11.6701, 6.4627 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 15.0062, 11.6701, 6.4627 by changing the saturation by 10% instead.


 15.0062, 11.6701,
6.4627


 15.0062, 11.6701,
6.4627


216.7914,
202.2089, 172.5793


 8.9101, 6.5195,
3.0551


 34.4356, 28.8928,
19.3780


 4.7392, 3.1634,
1.1228

 48.4996, 41.7337,
29.7227


 2.1283, 1.2176,
0.0000

 65.9503, 57.9067,
43.2170

 0.7045, 0.0760,
0.0000

 87.1531, 77.7964,
60.2792

 0.0000, 0.0000,
0.0000

 112.4732,
101.7871, 81.3281

 142.2760,

130.2631, 106.7820

176.9270,
163.6089, 137.0595

■ 15.0062, 11.6701,
6.4627

■ 15.0062, 11.6701,
6.4627

■ 13.8720, 9.9828,
4.2933

■ 16.3993, 13.7074,
9.2362

■ 12.9794, 8.6239,
2.6818

■ 18.0654, 16.1112,
12.6536

■ 12.3105, 7.5721,
1.5769

■ 20.0185, 18.8990,
16.7525

■ 11.8433, 6.8026,
0.9128

■ 22.2714, 22.0867,
21.5670

■ 11.6510, 6.4863,
0.6379

■ 24.8361, 25.6893,
27.1291

■ 27.7241, 29.7210,
33.4688

■ 30.9460, 34.1952,
40.6146

■ 34.5122, 39.1251,
48.5934

■ 38.4324, 44.5229,
57.4309

Harmonies

Analogous

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



16.0962, 11.6701, 11.1633



15.0062, 11.6701, 6.4627



12.8933, 11.6701, 4.2247

Triad

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



15.0062, 11.6701, 6.4627



7.4846, 11.6701, 8.4080



11.6640, 11.6701, 29.9193

Complementary

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



15.0062, 11.6701, 6.4627



15.1200, 19.0711, 28.8706

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.



9.4669, 11.6701, 28.3853



15.0062, 11.6701, 6.4627



7.2502, 11.6701, 14.3863

Square

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



15.0062, 11.6701, 6.4627



8.6173, 11.6701, 5.0457



7.9257, 11.6701, 22.0547



14.0004, 11.6701, 25.7211

Rectangle

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



15.0062, 11.6701, 6.4627



11.3032, 11.6701, 3.7759



7.9257, 11.6701, 22.0547



10.8836, 11.6701, 30.0759

Sweetspot

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



15.0065, 11.6707, 6.4629



39.1208, 38.4764, 36.9800



17.2472, 11.2320, 22.3780



8.7972, 8.5776, 8.1069



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.0065, 11.6707, 6.4629



24.5189, 17.3896, 7.0885



18.6431, 18.9438, 7.6751



5.4771, 5.5604, 5.6740



10.3130, 5.7577, 0.5678



0.1096, 0.0771, 0.0091

Inverse Universe

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



15.1200, 19.0711, 28.8706



24.7011, 31.9449, 51.4021



10.8790, 10.5893, 27.4569



5.4848, 5.9654, 6.8911



10.2464, 13.4787, 25.0387



0.1111, 0.1551, 0.2438

Previews

White Background



This preview shows how the XYZ color 15.0062, 11.6701, 6.4627 looks on a white background.

Color Contrast Check

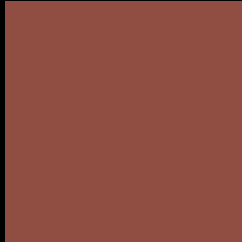
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0062, 11.6701, 6.4627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

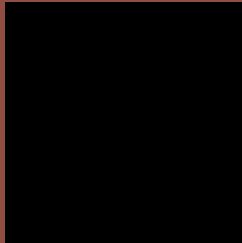
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0062, 11.6701, 6.4627

Background



This preview shows how black text looks on a background with the XYZ color 15.0062, 11.6701, 6.4627.



This preview shows how white text looks on a background with the XYZ color 15.0062, 11.6701,

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

15.0062, 11.6701, 6.4627

Protanopia

10.9790, 11.7303, 7.9889

Deuteranopia

11.8991, 11.7151, 6.1915



Tritanopia

15.5712, 11.6923, 9.2207

Trichromacy



Original Color

15.0062, 11.6701, 6.4627

Protanomaly

12.1491, 11.4385, 7.3619

Deuteranomaly

12.9096, 11.6109, 6.2633

Tritanomaly

15.4255, 11.7450, 8.1106

Monochromacy



Original Color

15.0062, 11.6701, 6.4627

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.0221, 11.3113, 10.1440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0062, 11.6701, 6.4627 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(143, 78, 65)` looks like.

```
.text, #text, p{  
    color:rgb(143, 78, 65)  
}
```

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(143, 78, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 78, 65) }
```

Border

The CSS property to change the border of an element to XYZ 15.0062, 11.6701, 6.4627 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(143, 78, 65) }
```


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

```
.border{ border-color:rgb(143, 78, 65) }
```

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

Here you see how a box with a 4 pixel rgb(143, 78, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 78, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 78, 65);  
box-shadow:4px 4px 4px 4px rgb(143, 78,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0062, 11.6701, 6.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 78, 65) }
```

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

```
.background{ background-color: rgb(143, 78,  
65) }
```

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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