

Converting Colors

XYZ(15.1801, 11.7597, 6.4708)

Have a look what the booklet for
XYZ(15.1801, 11.7597, 6.4708)
contains.

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Color

**XYZ(15.1801, 11.7597,
6.4708)**

Conversions

Conversions Part 1

Format	Color
Hex	904E41
RGB	144, 78, 65
RGB Percent	56%, 31%, 25%
CMY	0.4353, 0.6941, 0.7451
CMYK	0.00, 0.46, 0.55, 0.44
HSL	10°, 38%, 41%
HSV	10°, 55%, 56%
XYZ	15.1801, 11.7597, 6.4708
YIQ	96.2520, 43.5090, 9.9490

Conversions

Conversions Part 2

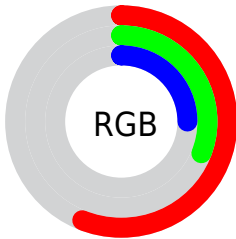
Format	Color
R_{YB}	144, 81, 65
Decimal	9457217
CIE _{Lab}	40.83, 26.31, 19.94
CIE _{LCh}	41, 33.015, 37.150
Yxy	11.7597, 0.4543, 0.3520
Android (android.graphics.Color)	4287647297 (0xFF904E41)
YUV	96.2520, -15.4072, 41.8750
Hunter-Lab	34.2924, 19.0042, 12.8170

Details

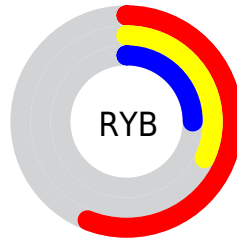
The XYZ color **15.1801, 11.7597, 6.4708** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3298, 19.3690, 29.3160**, and the grayscale version is **11.2086, 11.7923, 12.8419**.

A 20% lighter version of the original color is **34.7872, 29.0481, 19.3961**, and **4.8513, 3.2116, 1.1233** is the 20% darker color. If you saturate the color by 10%, you get **14.0370, 10.0582, 4.2876**, and if you desaturate by 10%, it is **16.5865, 13.8177, 9.2667**.

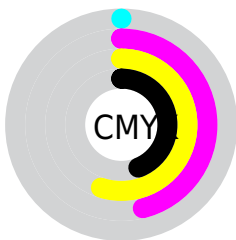
Distribution



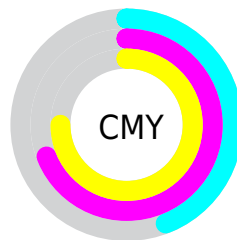
- Red (56%)
- Green (31%)
- Blue (25%)



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



- Cyan (0%)
- Magenta (46%)
- Yellow (55%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1801, 11.7597, 6.4708 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 15.1801, 11.7597, 6.4708 by changing the saturation by 10% instead.

■ 15.1801, 11.7597,
6.4708

■ 15.1801, 11.7597,
6.4708

217.8206,
202.8079, 172.6516

■ 9.0330, 6.5803,
3.0600

■ 34.7379, 29.0567,
19.3948

■ 4.8200, 3.2010,
1.1254

■ 48.8793, 41.9430,
29.7451

■ 2.1757, 1.2376,
0.0000

■ 66.4162, 58.1671,
43.2457

■ 0.7299, 0.0921,
0.0000

■ 87.7140, 78.1134,
60.3151

■ 0.0000, 0.0000,
0.0000

■ 113.1379,
102.1662, 81.3719

■ 143.0534,

130.7100, 106.8345

177.8259,
164.1291, 137.1216

■ 15.1801, 11.7597,
6.4708

■ 15.1801, 11.7597,
6.4708

■ 14.0370, 10.0582,
4.2876

■ 16.5865, 13.8177,
9.2667

■ 13.1397, 8.6911,
2.6702

■ 18.2706, 16.2491,
12.7163

■ 12.4694, 7.6363,
1.5658

■ 20.2469, 19.0719,
16.8575

■ 12.0035, 6.8682,
0.9056

■ 22.5283, 22.3025,
21.7255

■ 11.8221, 6.5703,
0.6451

■ 25.1273, 25.9562,
27.3528

■ 28.0555, 30.0476,
33.7701

■ 31.3239, 34.5905,
41.0062

■ 34.9430, 39.5983,
49.0887

■ 38.9229, 45.0836,
58.0438

Harmonies

Analogous

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



16.2876, 11.7597, 11.2601



15.1801, 11.7597, 6.4708



13.0256, 11.7597, 4.1974

Triad

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



15.1801, 11.7597, 6.4708



7.5085, 11.7597, 8.4073



11.7492, 11.7597, 30.4179

Complementary

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



15.1801, 11.7597, 6.4708



15.3298, 19.3690, 29.3160

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.



9.5126, 11.7597, 28.8176



15.1801, 11.7597, 6.4708



7.2661, 11.7597, 14.4836

Square

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



15.1801, 11.7597, 6.4708



8.6642, 11.7597, 5.0107



7.9483, 11.7597, 22.3185



14.1345, 11.7597, 26.1388

Rectangle

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



15.1801, 11.7597, 6.4708



11.4035, 11.7597, 3.7398



7.9483, 11.7597, 22.3185



10.9540, 11.7597, 30.5688

Sweetspot

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



15.1804, 11.7603, 6.4710



39.1098, 38.4543, 36.9763



17.5670, 11.3800, 23.1543



8.7944, 8.5721, 8.1060



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.



15.1804, 11.7603, 6.4710



24.3243, 17.0855, 6.7612



18.7415, 18.8826, 7.6581



5.4762, 5.5587, 5.6737



10.3075, 5.7466, 0.5659



0.1094, 0.0767, 0.0090

Inverse Universe

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



15.3298, 19.3690, 29.3160



24.5704, 31.8638, 51.3934



11.0978, 10.9049, 27.9054



5.4858, 5.9673, 6.8914



10.2782, 13.5423, 25.0493



0.1113, 0.1555, 0.2438

Previews

White Background



This preview shows how the XYZ color 15.1801, 11.7597, 6.4708 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 15.1801, 11.7597, 6.4708 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 15.1801, 11.7597, 6.4708

Background



This preview shows how black text looks on a background with the XYZ color 15.1801, 11.7597, 6.4708.



This preview shows how white text looks on a background with the XYZ color 15.1801, 11.7597,

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

15.1801, 11.7597, 6.4708

Protanopia

11.1862, 11.9735, 8.0249

Deuteranopia

12.1200, 11.9584, 6.2268



Tritanopia

15.7467, 11.7827, 9.2289

Trichromacy



Original Color

15.1801, 11.7597, 6.4708

Protanomaly

12.3694, 11.6765, 7.3962

Deuteranomaly

13.1393, 11.8504, 6.2975

Tritanomaly

15.6009, 11.8355, 8.1188

Monochromacy



Original Color

15.1801, 11.7597, 6.4708

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 15.1801, 11.7597, 6.4708 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(144, 78, 65)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 78, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 78, 65) }
```

Border

The CSS property to change the border of an element to XYZ 15.1801, 11.7597, 6.4708 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(144, 78, 65) }
```


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

```
.border{ border-color:rgb(144, 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(144, 78, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 78, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 78, 65);  
box-shadow:4px 4px 4px 4px rgb(144, 78,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1801, 11.7597, 6.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 78, 65) }
```

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

```
.background{ background-color: rgb(144, 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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