

Converting Colors

XYZ(11.6088, 11.6287, 4.0689)

Have a look what the booklet for
XYZ(11.6088, 11.6287, 4.0689)
contains.

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Color

**XYZ(11.6369, 11.6257,
4.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	755C2D
RGB	117, 92, 45
RGB Percent	46%, 36%, 18%
CMY	0.5412, 0.6392, 0.8235
CMYK	0.00, 0.21, 0.62, 0.54
HSL	39°, 44%, 32%
HSV	39°, 62%, 46%
XYZ	11.6369, 11.6257, 4.1133
YIQ	94.1170, 29.9870, -9.3170

Conversions

Conversions Part 2

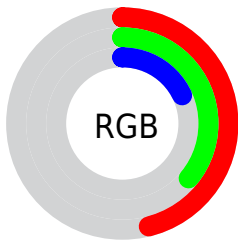
Format	Color
RYB	83, 117, 45
Decimal	7691309
CIELab	40.61, 4.25, 30.50
CIElCh	41, 30.798, 82.074
Yxy	11.6257, 0.4251, 0.4247
Android (android.graphics.Color)	4285881389 (0xFF755C2D)
YUV	94.1170, -24.2147, 20.0684
Hunter-Lab	34.0965, 1.2520, 16.7150

Details

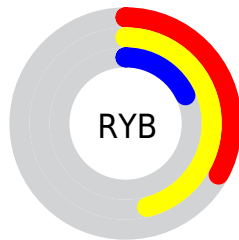
The XYZ color **11.6369, 11.6257, 4.1133** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.4831, 6.2222, 17.6887**, and the grayscale version is **10.7179, 11.2760, 12.2796**.

A 20% lighter version of the original color is **28.3994, 28.7766, 14.1829**, and **3.2238, 3.1122, 0.4308** is the 20% darker color. If you saturate the color by 10%, you get **11.0997, 10.8633, 2.9729**, and if you desaturate by 10%, it is **12.2560, 12.4520, 5.5895**.

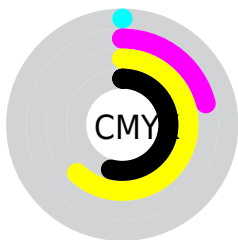
Distribution



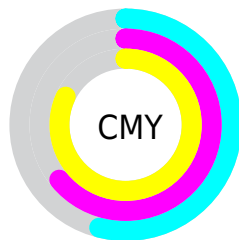
- Red (46%)
- Green (36%)
- Blue (18%)



- Red (33%)
- Yellow (46%)
- Blue (18%)



- Cyan (0%)
- Magenta (21%)
- Yellow (62%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6369, 11.6257, 4.1133 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 11.6369, 11.6257, 4.1133 by changing the saturation by 10% instead.

■ 11.6369, 11.6257,
4.1133

■ 11.6369, 11.6257,
4.1133

195.8058,
201.9113, 149.4765

■ 6.5674, 6.4894,
1.6877

■ 28.4547, 28.8115,
14.2702

■ 3.2370, 3.1449,
0.3523

■ 40.9336, 41.6298,
22.8386

■ 1.2803, 1.2078,
0.0000

■ 56.6131, 57.7775,
34.2917

■ 0.1684, 0.0681,
0.0000

■ 75.8585, 77.6390,
49.0481

■ 0.0000, 0.0000,
0.0000

■ 99.0351, 101.5988,
67.5262

■ 126.5083,

130.0412, 90.1446

158.6434,
163.3505, 117.3218

■ 11.6369, 11.6257,
4.1133

■ 11.6369, 11.6257,
4.1133

■ 11.0997, 10.8633,
2.9729

■ 12.2560, 12.4520,
5.5895

■ 10.6380, 10.1603,
2.1395

■ 12.9611, 13.3429,
7.4256

■ 10.2456, 9.5143,
1.5808

■ 13.7571, 14.3013,
9.6444

■ 9.9468, 9.0033,
1.2136

■ 14.6482, 15.3293,
12.2665

■ 15.6382, 16.4288,
15.3111

■ 16.7308, 17.6017,
18.7961

■ 17.9295, 18.8499,
22.7383

■ 19.2375, 20.1750,
27.1538

■ 20.6578, 21.5786,
32.0577

Harmonies

Analogous

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



13.8260, 11.6257, 5.3642



11.6369, 11.6257, 4.1133



9.5510, 11.6257, 4.4850

Triad

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



11.6369, 11.6257, 4.1133



7.6086, 11.6257, 17.7162



14.6895, 11.6257, 21.5436

Complementary

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



11.6369, 11.6257, 4.1133



6.4831, 6.2222, 17.6887

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.



12.6979, 11.6257, 27.3250



11.6369, 11.6257, 4.1133



8.6727, 11.6257, 24.6572

Square

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



11.6369, 11.6257, 4.1133



7.4025, 11.6257, 11.0770



10.4829, 11.6257, 28.6207



15.7332, 11.6257, 14.3836

Rectangle

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



11.6369, 11.6257, 4.1133



8.4768, 11.6257, 5.6849



10.4829, 11.6257, 28.6207



14.0971, 11.6257, 23.7979

Sweetspot

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



11.6372, 11.6263, 4.1135



26.7565, 28.0417, 23.5588



9.3863, 6.1035, 6.5110



6.0588, 6.3428, 5.1343



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.



11.6372, 11.6263, 4.1135



19.4989, 18.8895, 4.6063



12.8025, 15.9883, 4.8941



3.8647, 4.0624, 3.9227



10.9446, 9.8904, 1.3322



52.5108, 46.5502, 6.2175

Inverse Universe

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



6.4831, 6.2222, 17.6887



9.4186, 8.3511, 31.2525



5.7691, 3.9963, 17.2967



3.5950, 3.7786, 4.6301



4.3833, 3.1063, 18.9111



20.6283, 13.6732, 91.9122

Previews

White Background



This preview shows how the XYZ color 11.6369, 11.6257, 4.1133 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 11.6369, 11.6257, 4.1133 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 11.6369, 11.6257, 4.1133

Background



This preview shows how black text looks on a background with the XYZ color 11.6369, 11.6257, 4.1133.



This preview shows how white text looks on a background with the XYZ color 11.6369, 11.6257,

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

11.6369, 11.6257, 4.1133

Protanopia

10.6199, 11.6272, 4.2693

Deuteranopia

11.8225, 11.5936, 4.0973



Tritanopia

13.2691, 11.6717, 11.9094

Trichromacy



Original Color

11.6369, 11.6257, 4.1133

Protanomaly

11.0158, 11.6967, 4.2619

Deuteranomaly

11.6860, 11.5232, 4.0909

Tritanomaly

12.6226, 11.6596, 8.4227

Monochromacy



Original Color

11.6369, 11.6257, 4.1133

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.6983, 11.1753, 8.4307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6369, 11.6257, 4.1133 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(117, 92, 45)` looks like.

```
.text, #text, p{  
    color:rgb(117, 92, 45)  
}
```

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(117, 92, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 92, 45) }
```

Border

The CSS property to change the border of an element to XYZ 11.6369, 11.6257, 4.1133 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(117, 92, 45) }
```


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

```
.border{ border-color:rgb(117, 92, 45) }
```

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

Here you see how a box with a 4 pixel rgb(117, 92, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 92, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 92, 45);  
box-shadow:4px 4px 4px 4px rgb(117, 92,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6369, 11.6257, 4.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 92, 45) }
```

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

```
.background{ background-color: rgb(117, 92,  
45) }
```

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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