

Converting Colors

XYZ(15.4396, 13.0752, 6.3690)

Have a look what the booklet for
XYZ(15.4396, 13.0752, 6.3690)
contains.

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Color

**XYZ(15.3714, 13.0010,
6.4019)**

Conversions

Conversions Part 1

Format	Color
Hex	8D583F
RGB	141, 88, 63
RGB Percent	55%, 35%, 25%
CMY	0.4471, 0.6549, 0.7529
CMYK	0.00, 0.38, 0.55, 0.45
HSL	19°, 38%, 40%
HSV	19°, 55%, 55%
XYZ	15.3714, 13.0010, 6.4019
YIQ	100.9970, 39.6130, 3.4610

Conversions

Conversions Part 2

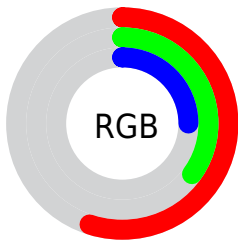
Format	Color
R_{YB}	141, 100, 63
Decimal	9263167
CIE Lab	42.76, 19.12, 23.55
CIE LCh	43, 30.331, 50.930
Yxy	13.0010, 0.4420, 0.3739
Android (android.graphics.Color)	4287453247 (0xFF8D583F)
YUV	100.9970, -18.7325, 35.0826
Hunter-Lab	36.0569, 12.9967, 14.7129

Details

The XYZ color **15.3714, 13.0010, 6.4019** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.1027, 15.4699, 27.4946**, and the grayscale version is **12.4088, 13.0550, 14.2169**.

A 20% lighter version of the original color is **34.9837, 31.1950, 19.2163**, and **4.8847, 3.7327, 1.1248** is the 20% darker color. If you saturate the color by 10%, you get **14.2913, 11.3928, 4.3406**, and if you desaturate by 10%, it is **16.6564, 14.8576, 9.0298**.

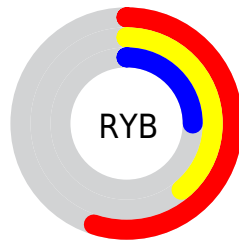
Distribution



Red (55%)

Green (35%)

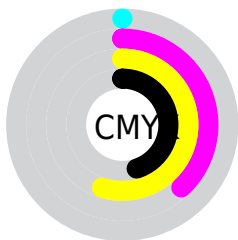
Blue (25%)



Red (55%)

Yellow (39%)

Blue (25%)

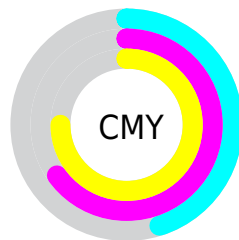


Cyan (0%)

Magenta (38%)

Yellow (55%)

Black (45%)



Cyan (45%)


Magenta (65%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3714, 13.0010, 6.4019 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 15.3714, 13.0010, 6.4019 by changing the saturation by 10% instead.


 15.3714, 13.0010,
6.4019


 15.3714, 13.0010,
6.4019


218.9474,
210.9241, 172.0349


 9.1685, 7.4292,
3.0183


 35.0698, 31.3056,
19.2514


 4.9092, 3.7320,
1.1040

 49.2959, 44.8072,
29.5544


 2.2283, 1.5248,
0.0000

 66.9271, 61.7209,
43.0009

 0.7576, 0.3061,
0.0000

 88.3288, 82.4310,
60.0094

 0.0000, 0.0000,
0.0000

 113.8664,
107.3220, 80.9985

 143.9051,

136.7782, 106.3868

178.8103,
171.1841, 136.5928

■ 15.3714, 13.0010,
6.4019

■ 15.3714, 13.0010,
6.4019

■ 14.2913, 11.3928,
4.3406

■ 16.6564, 14.8576,
9.0298

■ 13.4034, 10.0199,
2.8022

■ 18.1563, 16.9711,
12.2618

■ 12.6946, 8.8708,
1.7382

■ 19.8813, 19.3519,
16.1332

■ 12.1477, 7.9314,
1.0802

■ 21.8408, 22.0091,
20.6763

■ 11.9304, 7.5546,
0.8294

■ 24.0435, 24.9515,
25.9210

■ 26.4978, 28.1874,
31.8957

■ 29.2116, 31.7250,
38.6270

■ 32.1924, 35.5718,
46.1403

■ 35.4474, 39.7352,
54.4596

Harmonies

Analogous

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



16.9843, 13.0010, 10.0827



15.3714, 13.0010, 6.4019



13.0702, 13.0010, 4.9471

Triad

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



15.3714, 13.0010, 6.4019



8.4714, 13.0010, 12.2448



14.0116, 13.0010, 29.6601

Complementary

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



15.3714, 13.0010, 6.4019



13.1027, 15.4699, 27.4946

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.



11.6704, 13.0010, 30.7873



15.3714, 13.0010, 6.4019



8.6573, 13.0010, 19.2004

Square

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



15.3714, 13.0010, 6.4019



9.2211, 13.0010, 7.5598



9.7650, 13.0010, 26.4980



16.1338, 13.0010, 23.7757

Rectangle

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



15.3714, 13.0010, 6.4019



11.5343, 13.0010, 4.9828



9.7650, 13.0010, 26.4980



13.2180, 13.0010, 30.6672

Sweetspot

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



15.3717, 13.0017, 6.4021



38.3605, 38.4001, 35.2628



15.9319, 10.4858, 17.7989



8.4304, 8.3909, 7.5554



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.3717, 13.0017, 6.4021



25.2324, 19.8529, 7.1208



19.4324, 21.1229, 7.7557



5.5412, 5.6888, 5.6954



10.8915, 6.9147, 0.7606



0.1224, 0.1026, 0.0134

Inverse Universe

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



13.1027, 15.4699, 27.4946



20.7114, 24.6583, 48.7958



9.5326, 8.3298, 26.3046



5.4165, 5.8288, 6.8683



8.1959, 9.3778, 24.3552



0.0983, 0.1296, 0.2395

Previews

White Background



This preview shows how the XYZ color 15.3714, 13.0010, 6.4019 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 15.3714, 13.0010, 6.4019 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 15.3714, 13.0010, 6.4019

Background



This preview shows how black text looks on a background with the XYZ color 15.3714, 13.0010, 6.4019.



This preview shows how white text looks on a background with the XYZ color 15.3714, 13.0010,

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

15.3714, 13.0010, 6.4019

Protanopia

12.1275, 13.0397, 7.3466

Deuteranopia

13.2854, 13.0973, 6.2427



Tritanopia

16.3863, 12.9356, 11.5307

Trichromacy



Original Color

15.3714, 13.0010, 6.4019

Protanomaly

13.0514, 12.8240, 6.9417

Deuteranomaly

14.0781, 13.0990, 6.3438

Tritanomaly

15.8890, 12.8419, 9.4259

Monochromacy



Original Color

15.3714, 13.0010, 6.4019

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.1056, 12.7669, 10.7903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3714, 13.0010, 6.4019 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(141, 88, 63)` looks like.

```
.text, #text, p{  
    color:rgb(141, 88, 63)  
}
```

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(141, 88, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 88, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.3714, 13.0010, 6.4019 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(141, 88, 63) }
```


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

```
.border{ border-color:rgb(141, 88, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 88, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 88, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 88, 63);  
box-shadow:4px 4px 4px 4px rgb(141, 88,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3714, 13.0010, 6.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 88, 63) }
```

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

```
.background{ background-color: rgb(141, 88,  
63) }
```

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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