

Converting Colors

XYZ(15.3283, 13.0347, 6.6357)

Have a look what the booklet for
XYZ(15.3283, 13.0347, 6.6357)
contains.

XYZ(15.3417, 13.1019, 6.7213)	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(15.3417, 13.1019,
6.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5941
RGB	140, 89, 65
RGB Percent	55%, 35%, 25%
CMY	0.4510, 0.6510, 0.7451
CMYK	0.00, 0.36, 0.54, 0.45
HSL	19°, 37%, 40%
HSV	19°, 54%, 55%
XYZ	15.3417, 13.1019, 6.7213
YIQ	101.5130, 38.1000, 3.3480

Conversions

Conversions Part 2

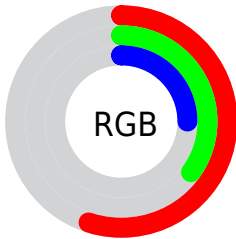
Format	Color
R_{YB}	140, 100, 65
Decimal	9197889
CIE _{Lab}	42.92, 18.29, 22.54
CIE _{LCh}	43, 29.024, 50.943
Yxy	13.1019, 0.4363, 0.3726
Android (android.graphics.Color)	4287387969 (0xFF8C5941)
YUV	101.5130, -18.0009, 33.7531
Hunter-Lab	36.1965, 12.3123, 14.3281

Details

The XYZ color **15.3417, 13.1019, 6.7213** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.1585, 15.5070, 27.1104**, and the grayscale version is **12.5411, 13.1943, 14.3686**.

A 20% lighter version of the original color is **34.9782, 31.3933, 19.8387**, and **4.9297, 3.8081, 1.1847** is the 20% darker color. If you saturate the color by 10%, you get **14.2438, 11.4767, 4.5965**, and if you desaturate by 10%, it is **16.6433, 14.9736, 9.4102**.

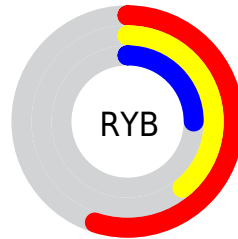
Distribution



Red (55%)

Green (35%)

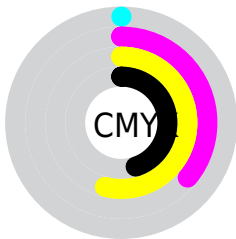
Blue (25%)



Red (55%)

Yellow (39%)

Blue (25%)

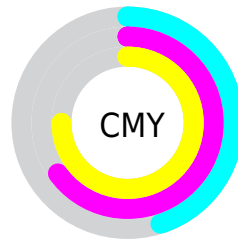


Cyan (0%)

Magenta (36%)

Yellow (54%)

Black (45%)



Cyan (45%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3417, 13.1019, 6.7213 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 15.3417, 13.1019, 6.7213 by changing the saturation by 10% instead.

■ 15.3417, 13.1019,
6.7213

■ 15.3417, 13.1019,
6.7213

218.7728,
211.5697, 174.8695

■ 9.1474, 7.4988,
3.2126

■ 35.0183, 31.4867,
19.9135

■ 4.8953, 3.7759,
1.2042

■ 49.2313, 45.0372,
30.4342

■ 2.2201, 1.5490,
0.0000

■ 66.8479, 62.0056,
44.1292

■ 0.7533, 0.3229,
0.0000

■ 88.2335, 82.7762,
61.4172

■ 0.0000, 0.0000,
0.0000

■ 113.7535,
107.7336, 82.7167

■ 143.7731,

137.2620, 108.4462

178.6578,
171.7459, 139.0243

■ 15.3417, 13.1019,
6.7213

■ 15.3417, 13.1019,
6.7213

■ 14.2438, 11.4767,
4.5965

■ 16.6433, 14.9736,
9.4102

■ 13.3371, 10.0851,
2.9940

■ 18.1580, 17.0999,
12.6996

■ 12.6092, 8.9160,
1.8670

■ 19.8960, 19.4909,
16.6235

■ 12.0451, 7.9565,
1.1594

■ 21.8662, 22.1556,
21.2133

■ 11.7462, 7.4375,
0.8165

■ 24.0773, 25.1026,
26.4981

■ 26.5373, 28.3400,
32.5054

■ 29.2539, 31.8756,
39.2612

■ 32.2346, 35.7170,
46.7902

■ 35.4863, 39.8713,
55.1159

Harmonies

Analogous

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



16.8814, 13.1019, 10.3262



15.3417, 13.1019, 6.7213



13.1373, 13.1019, 5.2769

Triad

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



15.3417, 13.1019, 6.7213



8.6945, 13.1019, 12.4260



14.0423, 13.1019, 29.0047

Complementary

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



15.3417, 13.1019, 6.7213



13.1585, 15.5070, 27.1104

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.



11.7928, 13.1019, 30.0692



15.3417, 13.1019, 6.7213



8.8758, 13.1019, 19.0981

Square

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



15.3417, 13.1019, 6.7213



9.4230, 13.1019, 7.8647



9.9517, 13.1019, 26.0236



16.0714, 13.1019, 23.4411

Rectangle

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



15.3417, 13.1019, 6.7213



11.6599, 13.1019, 5.3129



9.9517, 13.1019, 26.0236



13.2812, 13.1019, 29.9545

Sweetspot

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



15.3420, 13.1026, 6.7215



37.5487, 37.7129, 35.0413



15.8724, 10.6228, 17.8131



8.5061, 8.4929, 7.7330



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.



15.3420, 13.1026, 6.7215



24.8044, 19.7682, 7.5364



19.2621, 20.9427, 8.0282



5.1551, 5.2930, 5.3023



10.4535, 6.6413, 0.7309



0.0816, 0.0683, 0.0089

Inverse Universe

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



13.1585, 15.5070, 27.1104



20.5053, 24.4039, 47.3726



9.6916, 8.5733, 25.9547



5.0401, 5.4232, 6.3870



7.8758, 9.0219, 23.3720



0.0656, 0.0865, 0.1597

Previews

White Background



This preview shows how the XYZ color 15.3417, 13.1019, 6.7213 looks on a white background.

Color Contrast Check

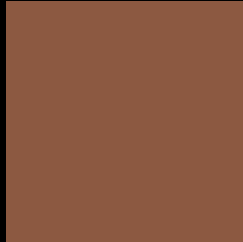
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3417, 13.1019, 6.7213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

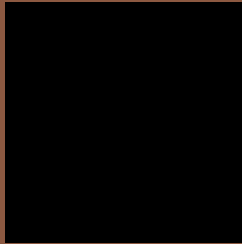
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3417, 13.1019, 6.7213

Background



This preview shows how black text looks on a background with the XYZ color 15.3417, 13.1019, 6.7213.



This preview shows how white text looks on a background with the XYZ color 15.3417, 13.1019,

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

15.3417, 13.1019, 6.7213

Protanopia

12.2873, 13.2599, 7.7062

Deuteranopia

13.3403, 13.1192, 6.5318



Tritanopia

16.3356, 13.0205, 11.7774

Trichromacy



Original Color

15.3417, 13.1019, 6.7213

Protanomaly

13.2032, 13.0317, 7.2883

Deuteranomaly

13.9814, 13.0427, 6.6311

Tritanomaly

15.8353, 12.9275, 9.6433

Monochromacy



Original Color

15.3417, 13.1019, 6.7213

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.2803, 12.9837, 11.2573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3417, 13.1019, 6.7213 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(140, 89, 65)` looks like.

```
.text, #text, p{  
    color:rgb(140, 89, 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(140, 89, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 89, 65) }
```

Border

The CSS property to change the border of an element to XYZ 15.3417, 13.1019, 6.7213 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(140, 89, 65) }
```


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

```
.border{ border-color:rgb(140, 89, 65) }
```

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

Here you see how a box with a 4 pixel rgb(140, 89, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 89, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 89, 65);  
box-shadow:4px 4px 4px 4px rgb(140, 89,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3417, 13.1019, 6.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 89, 65) }
```

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

```
.background{ background-color: rgb(140, 89,  
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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