

Converting Colors

XYZ(19.3588, 15.3932, 8.5768)

Have a look what the booklet for
XYZ(19.3588, 15.3932, 8.5768)
contains.

XYZ(19.3092, 15.3611, 8.6039)	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(19.3092, 15.3611,
8.6039)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5B4B
RGB	159, 91, 75
RGB Percent	62%, 36%, 29%
CMY	0.3765, 0.6431, 0.7059
CMYK	0.00, 0.43, 0.53, 0.38
HSL	11°, 36%, 46%
HSV	11°, 53%, 62%
XYZ	19.3092, 15.3611, 8.6039
YIQ	109.5080, 45.6640, 9.4400

Conversions

Conversions Part 2

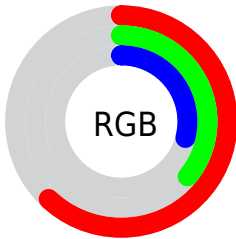
Format	Color
R_{YB}	159, 95, 75
Decimal	10443595
CIE Lab	46.12, 26.15, 21.29
CIE LCh	46, 33.720, 39.146
Yxy	15.3611, 0.4462, 0.3550
Android (android.graphics.Color)	4288633675 (0xFF9F5B4B)
YUV	109.5080, -17.0124, 43.4045
Hunter-Lab	39.1932, 19.3528, 14.4196

Details

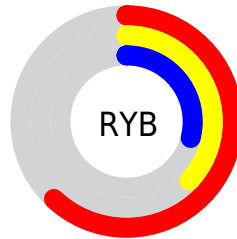
The XYZ color **19.3092, 15.3611, 8.6039** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9816, 23.6429, 36.3640**, and the grayscale version is **14.7186, 15.4851, 16.8632**.

A 20% lighter version of the original color is **41.6300, 35.4002, 23.7076**, and **6.8201, 4.7697, 1.8575** is the 20% darker color. If you saturate the color by 10%, you get **17.8240, 13.1556, 5.7513**, and if you desaturate by 10%, it is **21.1199, 18.0001, 12.2364**.

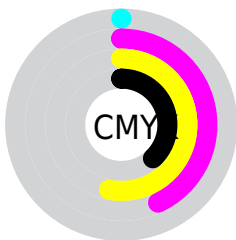
Distribution



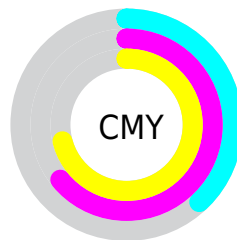
- Red (62%)
- Green (36%)
- Blue (29%)



- Red (62%)
- Yellow (37%)
- Blue (29%)



- Cyan (0%)
- Magenta (43%)
- Yellow (53%)
- Black (38%)





- Cyan (38%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.3092, 15.3611, 8.6039 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 19.3092, 15.3611, 8.6039 by changing the saturation by 10% instead.


 19.3092, 15.3611,
8.6039


 19.3092, 15.3611,
8.6039


241.0559,
225.5416, 190.5029


 11.9992, 9.0732,
4.3905


 41.7688, 35.4854,
23.6995


 6.8154, 4.7890,
1.8419


 57.6491, 50.0906,
35.4188


 3.3922, 2.1240,
0.4554

 77.1169, 68.2371,
50.4771

 1.3644, 0.6781,
0.0000

 100.5376, 90.3092,
69.2929

 0.2306, 0.0000,
0.0000

 128.2765,
116.6912, 92.2849

 0.0000, 0.0000,
0.0000

160.6989,

147.7677, 119.8715

198.1703,
183.9231, 152.4713

■ 19.3092, 15.3611,
8.6039

■ 19.3092, 15.3611,
8.6039

■ 17.8240, 13.1556,
5.7513

■ 21.1199, 18.0001,
12.2364

■ 16.6433, 11.3577,
3.6199

■ 23.2732, 21.0917,
16.6995

■ 15.7450, 9.9426,
2.1445

■ 25.7863, 24.6570,
22.0411

■ 15.1036, 8.8816,
1.2472

■ 28.6748, 28.7147,
28.3047

■ 14.7698, 8.3144,
0.8264

■ 31.9537, 33.2828,
35.5311

■ 35.6367, 38.3782,
43.7588

■ 39.7371, 44.0171,
53.0241

■ 44.2677, 50.2150,
63.3612

■ 49.2405, 56.9868,
74.8032

Harmonies

Analogous

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



20.7509, 15.3611, 14.3382



19.3092, 15.3611, 8.6039



16.6531, 15.3611, 5.8809

Triad

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



19.3092, 15.3611, 8.6039



10.0287, 15.3611, 11.7091



15.4947, 15.3611, 37.6707

Complementary

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



19.3092, 15.3611, 8.6039



18.9816, 23.6429, 36.3640

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.



12.7235, 15.3611, 36.2560



19.3092, 15.3611, 8.6039



9.8037, 15.3611, 19.3644

Square

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



19.3092, 15.3611, 8.6039



11.3877, 15.3611, 7.2225



10.7268, 15.3611, 28.8113



18.3665, 15.3611, 32.2107

Rectangle

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



19.3092, 15.3611, 8.6039



14.6826, 15.3611, 5.3811



10.7268, 15.3611, 28.8113



14.5183, 15.3611, 38.0139

Sweetspot

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



19.3096, 15.3619, 8.6042



49.4787, 48.7984, 46.6016



21.8177, 14.4046, 27.8561



10.9286, 10.6838, 10.0152



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.3096, 15.3619, 8.6042



31.6005, 23.0776, 9.7038



23.8738, 24.4902, 10.1256



6.7303, 6.8406, 6.9513



11.6898, 6.6152, 0.6607



0.2336, 0.1674, 0.0200

Inverse Universe

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



18.9816, 23.6429, 36.3640



30.9002, 39.3938, 64.7186



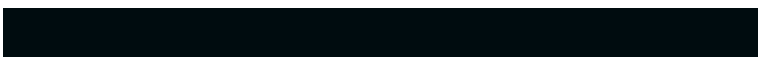
13.8719, 13.4235, 34.6608



6.7144, 7.2945, 8.4608



11.1414, 14.3744, 28.0946



0.2246, 0.3077, 0.5108

Previews

White Background



This preview shows how the XYZ color 19.3092, 15.3611, 8.6039 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 19.3092, 15.3611, 8.6039 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 19.3092, 15.3611, 8.6039

Background



This preview shows how black text looks on a background with the XYZ color 19.3092, 15.3611, 8.6039.



This preview shows how white text looks on a background with the XYZ color 19.3092, 15.3611,

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

19.3092, 15.3611, 8.6039

Protanopia

14.4734, 15.5583, 10.4238

Deuteranopia

15.7370, 15.4766, 8.2887



Tritanopia

20.0525, 15.2793, 12.7188

Trichromacy



Original Color

19.3092, 15.3611, 8.6039

Protanomaly

15.8139, 15.1852, 9.6870

Deuteranomaly

16.9151, 15.3462, 8.3739

Tritanomaly

19.8310, 15.3229, 11.1449

Monochromacy



Original Color

19.3092, 15.3611, 8.6039

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.9100, 15.1528, 13.3955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3092, 15.3611, 8.6039 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(159, 91, 75)` looks like.

```
.text, #text, p{  
    color:rgb(159, 91, 75)  
}
```

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(159, 91, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 91, 75) }
```

Border

The CSS property to change the border of an element to XYZ 19.3092, 15.3611, 8.6039 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(159, 91, 75) }
```


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

```
.border{ border-color:rgb(159, 91, 75) }
```

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

Here you see how a box with a 4 pixel rgb(159, 91, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 91, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 91, 75);  
box-shadow:4px 4px 4px 4px rgb(159, 91,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3092, 15.3611, 8.6039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 91, 75) }
```

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

```
.background{ background-color: rgb(159, 91,  
75) }
```

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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