

Converting Colors

XYZ(16.6466, 8.8351, 1.2932)

Have a look what the booklet for
XYZ(16.6466, 8.8351, 1.2932)
contains.

XYZ(16.6192, 8.8112, 1.2767)	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(16.6192, 8.8112,
1.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	A90F0F
RGB	169, 15, 15
RGB Percent	66%, 6%, 6%
CMY	0.3373, 0.9411, 0.9412
CMYK	0.00, 0.91, 0.91, 0.34
HSL	0°, 84%, 36%
HSV	0°, 91%, 66%
XYZ	16.6192, 8.8112, 1.2767
YIQ	61.0460, 91.7840, 32.6480

Conversions

Conversions Part 2

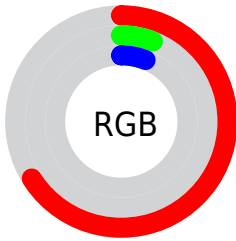
Format	Color
R_{YB}	169, 15, 15
Decimal	11079439
CIE Lab	35.62, 57.10, 43.56
CIE LCh	36, 71.820, 37.339
Yxy	8.8112, 0.6223, 0.3299
Android (android.graphics.Color)	4289269519 (0xFFA90F0F)
YUV	61.0460, -22.7007, 94.6757
Hunter-Lab	29.6837, 47.9916, 18.2285

Details

The XYZ color **16.6192, 8.8112, 1.2767** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **21.5414, 31.3321, 42.4480**, and the grayscale version is **4.4660, 4.6986, 5.1168**.

A 20% lighter version of the original color is **37.1383, 23.5273, 6.9987**, and **6.0634, 3.1258, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **16.3623, 8.4355, 0.7658**, and if you desaturate by 10%, it is **17.1358, 9.5675, 2.3029**.

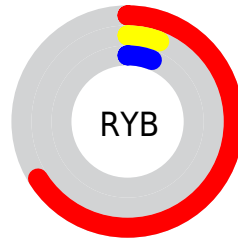
Distribution



Red (66%)

Green (6%)

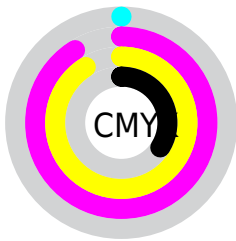
Blue (6%)



Red (66%)

Yellow (6%)

Blue (6%)

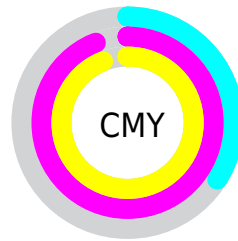


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (34%)



Cyan (34%)


Magenta (94%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 16.6192, 8.8112, 1.2767 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 16.6192, 8.8112, 1.2767 by changing the saturation by 10% instead.


 16.6192, 8.8112,
1.2767


 16.6192, 8.8112,
1.2767


 226.1676,
181.9631, 109.8808

 10.0570, 4.6182,
0.0426


 37.2187, 23.5340,
6.9475


 5.4993, 2.0251,
0.0000

 51.9867, 34.8327,
12.4837


 2.5808, 0.6220,
0.0000

 70.2207, 49.2688,
20.3785

 0.9362, 0.0000,
0.0000


 92.2860, 67.2265,
31.0505


 0.0000, 0.0000,
0.0000


 118.5480, 89.0905,
44.9182


 149.3720,


115.2450, 62.4001


 185.1234,
146.0744, 83.9148


 16.6192, 8.8112,
1.2767


 16.6192, 8.8112,
1.2767

 16.3623, 8.4355,
0.7658

 17.1358, 9.5675,
2.3029

 18.0029, 10.8365,
4.0264

 19.2682, 12.6881,
6.5414

 20.9717, 15.1808,
9.9276

 23.1484, 18.3661,
14.2548

■ 25.8301, 22.2902,
19.5860

■ 29.0456, 26.9953,
25.9785

■ 32.8216, 32.5205,
33.4854

■ 37.1830, 38.9023,
42.1562

Harmonies

Analogous

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



19.2684, 8.8112, 6.9224



16.6192, 8.8112, 1.2767



11.9042, 8.8112, 0.0000

Triad

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



16.6192, 8.8112, 1.2767



2.8988, 8.8112, 3.1391



9.4540, 8.8112, 55.9870

Complementary

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



16.6192, 8.8112, 1.2767



21.5414, 31.3321, 42.4480

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.



5.6226, 8.8112, 50.9505



16.6192, 8.8112, 1.2767



2.6315, 8.8112, 12.8770

Square

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



16.6192, 8.8112, 1.2767



4.3560, 8.8112, 0.3013



3.4400, 8.8112, 31.7015



14.3196, 8.8112, 42.4429

Rectangle

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



16.6192, 8.8112, 1.2767



8.7570, 8.8112, 0.0000



3.4400, 8.8112, 31.7015



8.0038, 8.8112, 56.5242

Sweetspot

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



16.6194, 8.8118, 1.2768



48.2447, 42.8237, 39.0216



23.6941, 11.6411, 38.5338



10.1289, 8.7683, 7.7369



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



16.6194, 8.8118, 1.2768



29.3042, 15.1074, 1.3715



20.2753, 16.1236, 2.4955



7.5312, 7.5425, 7.8482



12.1949, 6.2871, 0.5708



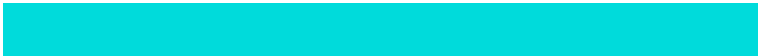
0.2967, 0.1530, 0.0139

Inverse Universe

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



21.5414, 31.3321, 42.4480



38.2260, 55.9309, 76.0061



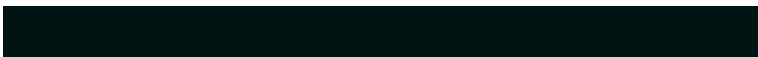
11.1854, 10.6203, 38.9960



7.7475, 8.5319, 9.6568



15.9078, 23.2757, 31.6297



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 16.6192, 8.8112, 1.2767 looks on a white background.

Color Contrast Check

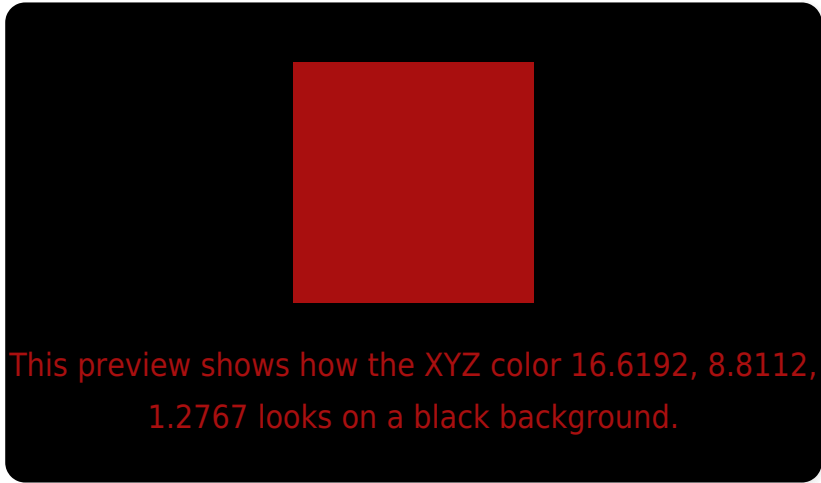
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 16.6192, 8.8112, 1.2767

Background



This preview shows how black text looks on a background with the XYZ color 16.6192, 8.8112, 1.2767.



This preview shows how white text looks on a background with the XYZ color 16.6192, 8.8112,

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

16.6192, 8.8112, 1.2767

Protanopia

8.3734, 9.2311, 2.5028

Deuteranopia

9.2016, 9.2227, 1.2952



Tritanopia

16.5858, 8.8209, 1.0295

Trichromacy



Original Color

16.6192, 8.8112, 1.2767

Protanomaly

9.9491, 7.5086, 1.7891

Deuteranomaly

10.7464, 7.7829, 1.0794

Tritanomaly

16.6023, 8.8275, 1.1160

Monochromacy



Original Color

16.6192, 8.8112, 1.2767

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.6108, 4.6925, 2.9402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6192, 8.8112, 1.2767 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(169, 15, 15)` looks like.

```
.text, #text, p{  
    color:rgb(169, 15, 15)  
}
```

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(169, 15, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 15, 15) }
```

Border

The CSS property to change the border of an element to XYZ 16.6192, 8.8112, 1.2767 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(169, 15, 15) }
```


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

```
.border{ border-color:rgb(169, 15, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 15, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 15, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 15, 15);  
box-shadow:4px 4px 4px 4px rgb(169, 15,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6192, 8.8112, 1.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 15, 15) }
```

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

```
.background{ background-color: rgb(169, 15,  
15) }
```

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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