

Converting Colors

XYZ(17.0859, 10.7472, 1.6869)

Have a look what the booklet for
XYZ(17.0859, 10.7472, 1.6869)
contains.

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Color

**XYZ(17.1462, 10.7858,
1.7085)**

Conversions

Conversions Part 1

Format	Color
Hex	A63611
RGB	166, 54, 17
RGB Percent	65%, 21%, 7%
CMY	0.3490, 0.7882, 0.9333
CMYK	0.00, 0.67, 0.90, 0.35
HSL	15°, 81%, 36%
HSV	15°, 90%, 65%
XYZ	17.1462, 10.7858, 1.7085
YIQ	83.2700, 78.6290, 12.2370

Conversions

Conversions Part 2

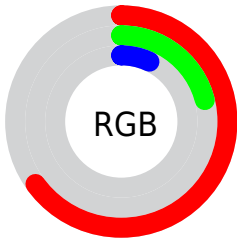
Format	Color
R_{YB}	166, 66, 17
Decimal	10892817
CIE _{Lab}	39.22, 44.51, 45.13
CIE _{LCh}	39, 63.390, 45.396
Yxy	10.7858, 0.5785, 0.3639
Android (android.graphics.Color)	4289082897 (0xFFA63611)
YUV	83.2700, -32.6711, 72.5542
Hunter-Lab	32.8417, 35.7192, 19.9048

Details

The XYZ color **17.1462, 10.7858, 1.7085** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.9634, 18.5711, 38.8719**, and the grayscale version is **8.3310, 8.7649, 9.5449**.

A 20% lighter version of the original color is **38.1031, 27.1837, 8.2398**, and **5.9439, 3.0642, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **16.5393, 9.7306, 1.0180**, and if you desaturate by 10%, it is **17.9854, 12.1734, 2.8852**.

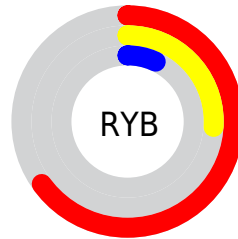
Distribution



Red (65%)

Green (21%)

Blue (7%)



Red (65%)

Yellow (26%)

Blue (7%)

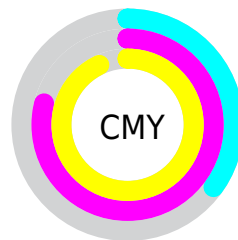


Cyan (0%)

Magenta (67%)

Yellow (90%)

Black (35%)



Cyan (35%)

Magenta (79%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1462, 10.7858, 1.7085 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 17.1462, 10.7858, 1.7085 by changing the saturation by 10% instead.

■ 17.1462, 10.7858,
1.7085

■ 17.1462, 10.7858,
1.7085

229.1533,
196.1921, 117.6723

■ 10.4347, 5.9230,
0.3665

■ 38.1186, 27.2634,
8.2274

■ 5.7526, 2.7983,
0.0000

■ 53.1102, 39.6470,
14.3564

■ 2.7345, 1.0274,
0.0000

■ 71.5926, 55.3062,
22.9565

■ 1.0149, 0.0000,
0.0000

■ 93.9311, 74.6256,
34.4462


■ 0.0000, 0.0000,
0.0000


■ 120.4910, 97.9895,
49.2441


■ 151.6378,


125.7823, 67.7687


 187.7368,
158.3883, 90.4386


 17.1462, 10.7858,
1.7085


 17.1462, 10.7858,
1.7085


 16.5393, 9.7306,
1.0180


 17.9854, 12.1734,
2.8852

 16.5266, 9.7086,
1.0029

 19.0990, 13.9254,
4.7217

 20.5116, 16.0672,
7.2993

 22.2445, 18.6214,
10.6870

 24.3168, 21.6086,
14.9462

■ 26.7464, 25.0482,
20.1321

■ 29.5494, 28.9583,
26.2954

■ 32.7414, 33.3558,
33.4830

■ 36.3366, 38.2570,
41.7389

Harmonies

Analogous

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



20.3501, 10.7858, 6.5520



17.1462, 10.7858, 1.7085



12.4587, 10.7858, 0.4387

Triad

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



17.1462, 10.7858, 1.7085



4.1925, 10.7858, 6.7665



12.5836, 10.7858, 51.9864

Complementary

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



17.1462, 10.7858, 1.7085



14.9634, 18.5711, 38.8719

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.



8.3219, 10.7858, 52.2129



17.1462, 10.7858, 1.7085



4.2087, 10.7858, 19.1377

Square

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



17.1462, 10.7858, 1.7085



5.4557, 10.7858, 1.7727



5.5084, 10.7858, 37.6149



17.2592, 10.7858, 37.1191

Rectangle

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



17.1462, 10.7858, 1.7085



9.5004, 10.7858, 0.3151



5.5084, 10.7858, 37.6149



11.0413, 10.7858, 54.0012

Sweetspot

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



17.1464, 10.7864, 1.7087



49.6302, 46.9860, 38.9039



20.0388, 10.1529, 22.4592



10.7565, 10.0235, 7.9461



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.



17.1464, 10.7864, 1.7087



29.8524, 17.3363, 1.7728



23.3219, 23.1374, 3.7672



7.6769, 7.8338, 7.8967



12.8480, 7.5932, 0.7885



0.3517, 0.2629, 0.0322

Inverse Universe

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



14.9634, 18.5711, 38.8719



25.5743, 31.1616, 70.1422



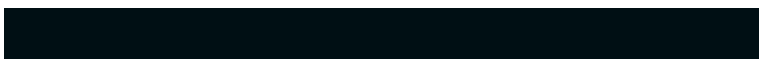
8.5641, 5.7724, 36.7388



7.5874, 8.2118, 9.6035



11.0400, 13.5403, 30.0071



0.3054, 0.4031, 0.7424

Previews

White Background



This preview shows how the XYZ color 17.1462, 10.7858, 1.7085 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 17.1462, 10.7858, 1.7085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

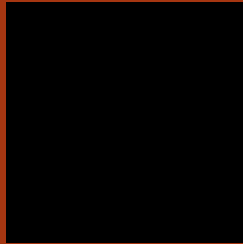
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1462, 10.7858, 1.7085

Background



This preview shows how black text looks on a background with the XYZ color 17.1462, 10.7858, 1.7085.



This preview shows how white text looks on a background with the XYZ color 17.1462, 10.7858,

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

17.1462, 10.7858, 1.7085

Protanopia

10.0262, 11.0878, 2.6486

Deuteranopia

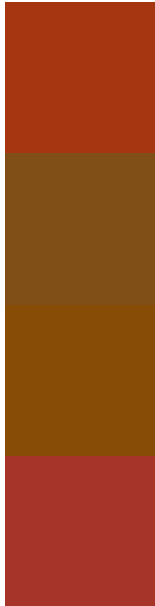
11.0436, 10.9963, 1.5404



Tritanopia

17.7628, 10.8402, 4.5243

Trichromacy



Original Color

17.1462, 10.7858, 1.7085

Protanomaly

11.7030, 10.1659, 2.1560

Deuteranomaly

12.6090, 10.3329, 1.5022

Tritanomaly

17.5473, 10.8247, 3.1720

Monochromacy



Original Color

17.1462, 10.7858, 1.7085

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

9.9168, 8.4612, 5.2482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1462, 10.7858, 1.7085 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(166, 54, 17)` looks like.

```
.text, #text, p{  
    color:rgb(166, 54, 17)  
}
```

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(166, 54, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 54, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.1462, 10.7858, 1.7085 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(166, 54, 17) }
```


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

```
.border{ border-color:rgb(166, 54, 17) }
```

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

Here you see how a box with a 4 pixel rgb(166, 54, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 54, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 54, 17);  
box-shadow:4px 4px 4px 4px rgb(166, 54,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1462, 10.7858, 1.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 54, 17) }
```

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

```
.background{ background-color: rgb(166, 54,  
17) }
```

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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