

Converting Colors

XYZ(17.5116, 10.9172, 2.6555)

Have a look what the booklet for
XYZ(17.5116, 10.9172, 2.6555)
contains.

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Color

**XYZ(17.4840, 10.8715,
2.6157)**

Conversions

Conversions Part 1

Format	Color
Hex	A73521
RGB	167, 53, 33
RGB Percent	65%, 21%, 13%
CMY	0.3451, 0.7921, 0.8706
CMYK	0.00, 0.68, 0.80, 0.35
HSL	9°, 67%, 39%
HSV	9°, 80%, 65%
XYZ	17.4840, 10.8715, 2.6157
YIQ	84.8060, 74.3640, 17.9480

Conversions

Conversions Part 2

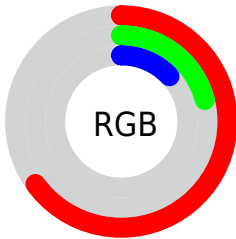
Format	Color
R_{YB}	167, 57, 33
Decimal	10958113
CIE _{Lab}	39.36, 45.73, 37.75
CIE _{LCh}	39, 59.293, 39.538
Yxy	10.8715, 0.5645, 0.3510
Android (android.graphics.Color)	4289148193 (0xFFA73521)
YUV	84.8060, -25.5404, 72.0841
Hunter-Lab	32.9720, 36.9521, 18.3768

Details

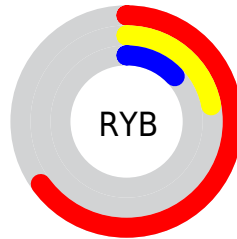
The XYZ color **17.4840, 10.8715, 2.6157** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **18.0348, 23.9785, 40.2368**, and the grayscale version is **8.6354, 9.0851, 9.8937**.

A 20% lighter version of the original color is **38.5602, 27.3666, 10.6471**, and **6.0634, 3.1258, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **16.7511, 9.6918, 1.4899**, and if you desaturate by 10%, it is **18.5255, 12.4830, 4.4169**.

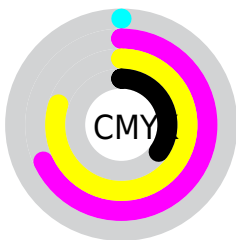
Distribution



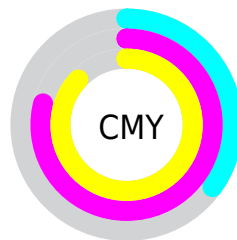
- Red (65%)
- Green (21%)
- Blue (13%)



- Red (65%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (80%)
- Black (35%)



- Cyan (35%)
- Magenta (79%)
- Yellow (87%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4840, 10.8715, 2.6157 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 17.4840, 10.8715, 2.6157 by changing the saturation by 10% instead.

■ 17.4840, 10.8715,
2.6157

■ 17.4840, 10.8715,
2.6157

231.0486,
196.7838, 131.3046

■ 10.6776, 5.9805,
0.9005

■ 38.6931, 27.4223,
10.6644

■ 5.9162, 2.8332,
0.0000

■ 53.8265, 39.8509,
17.8365

■ 2.8343, 1.0453,
0.0000

■ 72.4663, 55.5608,
27.6651

■ 1.0668, 0.0000,
0.0000

■ 94.9779, 74.9364,
40.5687

■ 0.0000, 0.0000,
0.0000

■ 121.7265, 98.3621,
56.9659

■ 153.0776,

126.2223, 77.2753

189.3965,
158.9014, 101.9153

17.4840, 10.8715,
2.6157

17.4840, 10.8715,
2.6157

16.7511, 9.6918,
1.4899

18.5255, 12.4830,
4.4169

16.2825, 8.9079,
0.8612

19.9053, 14.5611,
6.9778

21.6504, 17.1394,
10.3710

23.7849, 20.2477,
14.6605

26.3305, 23.9134,
19.9039

■ 29.3077, 28.1622,
26.1540

■ 32.7352, 33.0181,
33.4598

■ 36.6308, 38.5036,
41.8669

■ 41.0115, 44.6402,
51.4185

Harmonies

Analogous

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



19.9421, 10.8715, 8.5454



17.4840, 10.8715, 2.6157



13.2663, 10.8715, 0.8610

Triad

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



17.4840, 10.8715, 2.6157



4.6663, 10.8715, 5.6791



11.6626, 10.8715, 49.6383

Complementary

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



17.4840, 10.8715, 2.6157



18.0348, 23.9785, 40.2368

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.



7.8675, 10.8715, 46.8652



17.4840, 10.8715, 2.6157



4.4464, 10.8715, 15.8815

Square

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



17.4840, 10.8715, 2.6157



6.1645, 10.8715, 1.6736



5.4585, 10.8715, 32.1643



16.0527, 10.8715, 38.2999

Rectangle

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



17.4840, 10.8715, 2.6157



10.3953, 10.8715, 0.5996



5.4585, 10.8715, 32.1643



10.2710, 10.8715, 50.4336

Sweetspot

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



17.4842, 10.8721, 2.6159



50.1553, 47.1148, 41.9192



21.9156, 11.4774, 29.5498



10.8194, 9.9659, 8.5332



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.



17.4842, 10.8721, 2.6159



29.3385, 16.2324, 1.8358



22.6735, 21.2507, 4.3456



7.6182, 7.7164, 7.8772



12.4831, 6.8636, 0.6669



0.3298, 0.2191, 0.0249

Inverse Universe

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



18.0348, 23.9785, 40.2368



30.0924, 40.0367, 71.6171



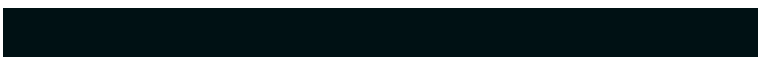
10.6296, 9.1681, 37.7684



7.6507, 8.3384, 9.6246



12.7749, 17.0100, 30.5854



0.3358, 0.4639, 0.7525

Previews

White Background



This preview shows how the XYZ color 17.4840, 10.8715, 2.6157 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 17.4840, 10.8715, 2.6157 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 17.4840, 10.8715, 2.6157

Background



This preview shows how black text looks on a background with the XYZ color 17.4840, 10.8715, 2.6157.



This preview shows how white text looks on a background with the XYZ color 17.4840, 10.8715,

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

17.4840, 10.8715, 2.6157

Protanopia

10.1662, 11.1303, 3.9954

Deuteranopia

11.1982, 11.0582, 2.3548



Tritanopia

17.9749, 10.9495, 4.5342

Trichromacy



Original Color

17.4840, 10.8715, 2.6157

Protanomaly

11.9314, 10.2572, 3.3585

Deuteranomaly

12.9356, 10.4823, 2.3784

Tritanomaly

17.8696, 10.9781, 3.7619

Monochromacy



Original Color

17.4840, 10.8715, 2.6157

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.4361, 8.8033, 6.3034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4840, 10.8715, 2.6157 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(167, 53, 33)` looks like.

```
.text, #text, p{  
    color:rgb(167, 53, 33)  
}
```

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(167, 53, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 53, 33) }
```

Border

The CSS property to change the border of an element to XYZ 17.4840, 10.8715, 2.6157 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(167, 53, 33) }
```


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

```
.border{ border-color:rgb(167, 53, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 53, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 53, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 53, 33);  
box-shadow:4px 4px 4px 4px rgb(167, 53,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4840, 10.8715, 2.6157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 53, 33) }
```

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

```
.background{ background-color: rgb(167, 53,  
33) }
```

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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