

Converting Colors

XYZ(17.6462, 11.7052, 7.4651)

Have a look what the booklet for
XYZ(17.6462, 11.7052, 7.4651)
contains.

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Color

**XYZ(17.7010, 11.7117,
7.4585)**

Conversions

Conversions Part 1

Format	Color
Hex	A14048
RGB	161, 64, 72
RGB Percent	63%, 25%, 28%
CMY	0.3686, 0.7490, 0.7176
CMYK	0.00, 0.60, 0.55, 0.37
HSL	355°, 43%, 44%
HSV	355°, 60%, 63%
XYZ	17.7010, 11.7117, 7.4585
YIQ	93.9150, 55.2440, 23.0520

Conversions

Conversions Part 2

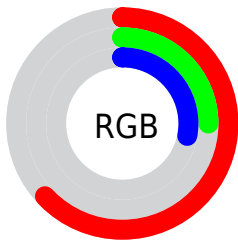
Format	Color
R _Y B	161, 64, 72
Decimal	10567752
CIE Lab	40.75, 40.90, 16.02
CIE LCh	41, 43.928, 21.387
Yxy	11.7117, 0.4801, 0.3176
Android (android.graphics.Color)	4288757832 (0xFFA14048)
YUV	93.9150, -10.8041, 58.8335
Hunter-Lab	34.2224, 32.4373, 11.0339

Details

The XYZ color **17.7010, 11.7117, 7.4585** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.6097, 28.8799, 34.6272**, and the grayscale version is **10.6352, 11.1891, 12.1849**.

A 20% lighter version of the original color is **39.1508, 29.0625, 21.3154**, and **5.9958, 3.1620, 1.4567** is the 20% darker color. If you saturate the color by 10%, you get **16.4952, 9.9809, 4.9578**, and if you desaturate by 10%, it is **19.2853, 14.0142, 10.6569**.

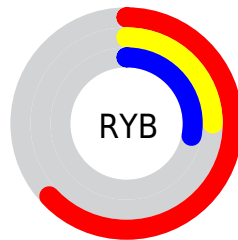
Distribution



Red (63%)

Green (25%)

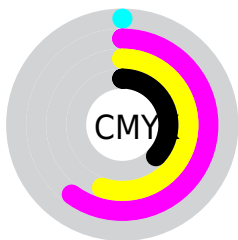
Blue (28%)



Red (63%)

Yellow (25%)

Blue (28%)

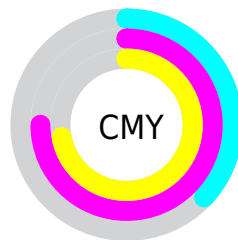


Cyan (0%)

Magenta (60%)

Yellow (55%)

Black (37%)



Cyan (37%)


Magenta (75%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.7010, 11.7117, 7.4585 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 17.7010, 11.7117, 7.4585 by changing the saturation by 10% instead.


 17.7010, 11.7117,
7.4585


 17.7010, 11.7117,
7.4585


232.2586,
202.4872, 181.1939


 10.8339, 6.5477,
3.6677


 39.0613, 28.9689,
21.4182


 6.0217, 3.1809,
1.4449


 54.2852, 41.8309,
32.4242


 2.8991, 1.2269,
0.1763

 73.0254, 58.0277,
46.6723

 1.1006, 0.0835,
0.0000

 95.6473, 77.9437,
64.5811

 0.0256, 0.0000,
0.0000

 122.5162,
101.9632, 86.5691

 0.0000, 0.0000,
0.0000

153.9975,

130.4707, 113.0549

190.4565,
163.8506, 144.4570

■ 17.7010, 11.7117,
7.4585

■ 17.7010, 11.7117,
7.4585

■ 16.4952, 9.9809,
4.9578

■ 19.2853, 14.0142,
10.6569

■ 15.6353, 8.7701,
3.1021

■ 21.2753, 16.9307,
14.5993

■ 15.0846, 8.0213,
1.8320

■ 23.6968, 20.5013,
19.3287

■ 14.7723, 7.6068,
1.0796

■ 26.5730, 24.7626,
24.8846

■ 29.9257, 29.7481,
31.3038

■ 33.7750, 35.4895,
38.6211

■ 38.1402, 42.0164,
46.8691

■ 43.0392, 49.3567,
56.0789

■ 48.4893, 57.5372,
66.2803

Harmonies

Analogous

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



18.1757, 11.7117, 15.5007



17.7010, 11.7117, 7.4585



15.3089, 11.7117, 3.4894

Triad

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



17.7010, 11.7117, 7.4585



7.0726, 11.7117, 4.7567



10.2575, 11.7117, 38.3845

Complementary

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



17.7010, 11.7117, 7.4585



20.6097, 28.8799, 34.6272

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.



7.7931, 11.7117, 31.4293



17.7010, 11.7117, 7.4585



6.1929, 11.7117, 10.3492

Square

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



17.7010, 11.7117, 7.4585



9.0849, 11.7117, 2.5138



6.4295, 11.7117, 20.0962



13.4648, 11.7117, 36.3594

Rectangle

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



17.7010, 11.7117, 7.4585



13.1574, 11.7117, 2.4187



6.4295, 11.7117, 20.0962



9.3253, 11.7117, 36.9343

Sweetspot

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



17.7013, 11.7123, 7.4587



48.6683, 45.9486, 46.6373



21.3879, 13.0048, 35.1010



10.3349, 9.5743, 9.5773



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.



17.7013, 11.7123, 7.4587



28.9996, 17.1059, 7.7274



20.6161, 17.9326, 7.2261



7.0964, 7.0950, 7.4939



11.8051, 6.0781, 0.8982



0.2547, 0.1304, 0.0540

Inverse Universe

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



17.7013, 11.7123, 7.4587



28.9996, 17.1059, 7.7274



15.3348, 17.2376, 36.2370



7.0964, 7.0950, 7.4939



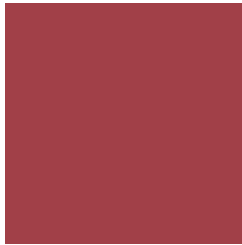
11.8051, 6.0781, 0.8982



0.2547, 0.1304, 0.0540

Previews

White Background



This preview shows how the XYZ color 17.7010, 11.7117, 7.4585 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

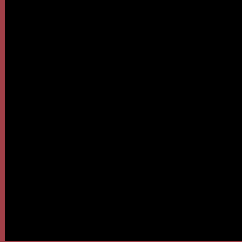
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7010, 11.7117, 7.4585

Background



This preview shows how black text looks on a background with the XYZ color 17.7010, 11.7117, 7.4585.



This preview shows how white text looks on a background with the XYZ color 17.7010, 11.7117,

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

17.7010, 11.7117, 7.4585

Protanopia

11.3618, 12.0042, 10.7350

Deuteranopia

11.9977, 11.8788, 6.9707



Tritanopia

17.6624, 11.7873, 6.9745

Trichromacy



Original Color

17.7010, 11.7117, 7.4585

Protanomaly

12.9399, 11.3171, 9.4851

Deuteranomaly

13.6072, 11.3698, 7.1076

Tritanomaly

17.6937, 11.7999, 7.1394

Monochromacy



Original Color

17.7010, 11.7117, 7.4585

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.2442, 10.7100, 10.2260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7010, 11.7117, 7.4585 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(161, 64, 72)` looks like.

```
.text, #text, p{  
    color:rgb(161, 64, 72)  
}
```

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(161, 64, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 64, 72) }
```

Border

The CSS property to change the border of an element to XYZ 17.7010, 11.7117, 7.4585 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(161, 64, 72) }
```


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

```
.border{ border-color:rgb(161, 64, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 64, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 64, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 64, 72);  
box-shadow:4px 4px 4px 4px rgb(161, 64,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7010, 11.7117, 7.4585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 64, 72) }
```

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

```
.background{ background-color: rgb(161, 64,  
72) }
```

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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