

Converting Colors

XYZ(17.7255, 11.4813, 4.8744)

Have a look what the booklet for
XYZ(17.7255, 11.4813, 4.8744)
contains.

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Color

**XYZ(17.6153, 11.4001,
4.8864)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A43C37 |
| RGB | 164, 60, 55 |
| RGB Percent | 64%, 24%, 22% |
| CMY | 0.3569, 0.7647, 0.7843 |
| CMYK | 0.00, 0.63, 0.66, 0.36 |
| HSL | 3°, 50%, 43% |
| HSV | 3°, 66%, 64% |
| XYZ | 17.6153, 11.4001, 4.8864 |
| YIQ | 90.5260, 63.5890, 20.4930 |

Conversions

Conversions Part 2

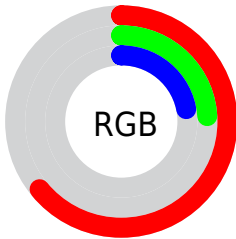
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 164, 60, 55 |
| Decimal | 10763319 |
| CIELab | 40.25, 42.63, 25.90 |
| CIElCh | 40, 49.883, 31.284 |
| Yxy | 11.4001, 0.5196, 0.3363 |
| Android (android.graphics.Color) | 4288953399 (0xFFA43C37) |
| YUV | 90.5260, -17.5143, 64.4367 |
| Hunter-Lab | 33.7640, 34.0396, 15.0543 |

Details

The XYZ color **17.6153, 11.4001, 4.8864** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.6733, 28.2864, 39.4920**, and the grayscale version is **9.8653, 10.3791, 11.3029**.

A 20% lighter version of the original color is **38.9329, 28.3949, 15.9992**, and **6.0102, 3.0907, 0.6276** is the 20% darker color. If you saturate the color by 10%, you get **16.5835, 9.8646, 2.9149**, and if you desaturate by 10%, it is **19.0206, 13.4738, 7.6270**.

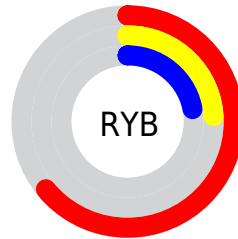
Distribution



Red (64%)

Green (24%)

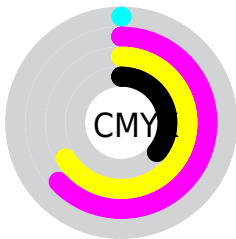
Blue (22%)



Red (64%)

Yellow (24%)

Blue (22%)

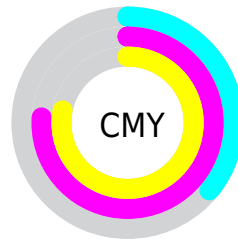


Cyan (0%)

Magenta (63%)

Yellow (66%)

Black (36%)



Cyan (36%)


Magenta (76%)


Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6153, 11.4001, 4.8864 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 17.6153, 11.4001, 4.8864 by changing the saturation by 10% instead.

 17.6153, 11.4001,
4.8864


 17.6153, 11.4001,
4.8864


231.7814,
200.3923, 157.6199


 10.7722, 6.3366,
2.1232


 38.9159, 28.3977,
16.0073


 5.9800, 3.0508,
0.6295


 54.1042, 41.1006,
25.2022

 2.8735, 1.1583,
0.0000

 72.8048, 57.1187,
37.3779

 1.0872, 0.0273,
0.0000

 95.3832, 76.8366,
52.9532

 0.0144, 0.0000,
0.0000

 122.2047,
100.6384, 72.3465

 0.0000, 0.0000,
0.0000

 153.6346,

128.9087, 95.9763

190.0384,
162.0319, 124.2613

■ 17.6153, 11.4001,
4.8864

■ 17.6153, 11.4001,
4.8864

■ 16.5835, 9.8646,
2.9149

■ 19.0206, 13.4738,
7.6270

■ 15.8889, 8.8159,
1.6334

■ 20.8297, 16.1273,
11.2042

■ 15.4863, 8.1947,
0.9321

■ 23.0708, 19.4003,
15.6787

■ 15.3915, 8.0560,
0.7437

■ 25.7691, 23.3284,
21.1055

■ 28.9481, 27.9446,
27.5351

■ 32.6296, 33.2795,
35.0143

■ 36.8340, 39.3621,
43.5874

■ 41.5806, 46.2195,
53.2956

■ 46.8879, 53.8778,
64.1785

Harmonies

Analogous

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



18.9918, 11.4001, 11.9886



17.6153, 11.4001, 4.8864



14.3772, 11.4001, 2.0526

Triad

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



17.6153, 11.4001, 4.8864



5.9645, 11.4001, 5.2966



10.9860, 11.4001, 43.0989

Complementary

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



17.6153, 11.4001, 4.8864



20.6733, 28.2864, 39.4920

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.



7.9291, 11.4001, 37.9297



17.6153, 11.4001, 4.8864



5.4300, 11.4001, 12.8469

Square

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



17.6153, 11.4001, 4.8864



7.7202, 11.4001, 2.1846



6.0657, 11.4001, 25.2528



14.6928, 11.4001, 37.0332

Rectangle

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



17.6153, 11.4001, 4.8864



11.8809, 11.4001, 1.4743



6.0657, 11.4001, 25.2528



9.8532, 11.4001, 42.6046

Sweetspot

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



17.6156, 11.4007, 4.8866



50.1815, 47.2933, 45.1919



23.0532, 13.1758, 34.7541



10.6365, 9.8540, 9.2041



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.6156, 11.4007, 4.8866



29.3943, 16.8420, 3.9717



21.9194, 20.0083, 6.3212



7.0987, 7.1357, 7.3833



11.8113, 6.1965, 0.5735



0.2556, 0.1450, 0.0145

Inverse Universe

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



20.6733, 28.2864, 39.4920



35.3033, 49.6766, 71.4802



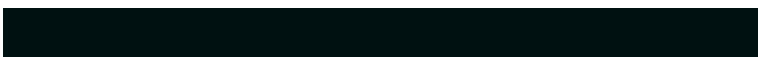
13.4167, 13.7732, 37.0731



7.2481, 7.9552, 9.0566



14.3233, 20.4260, 30.1175



0.3089, 0.4450, 0.6355

Previews

White Background



This preview shows how the XYZ color 17.6153, 11.4001, 4.8864 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 17.6153, 11.4001, 4.8864 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 17.6153, 11.4001, 4.8864

Background



This preview shows how black text looks on a background with the XYZ color 17.6153, 11.4001, 4.8864.



This preview shows how white text looks on a background with the XYZ color 17.6153, 11.4001,

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

17.6153, 11.4001, 4.8864

Protanopia

10.8506, 11.6790, 7.3126

Deuteranopia

11.6316, 11.4858, 4.5097



Tritanopia

17.7433, 11.3682, 5.8165

Trichromacy



Original Color

17.6153, 11.4001, 4.8864

Protanomaly

12.4761, 10.9167, 6.3000

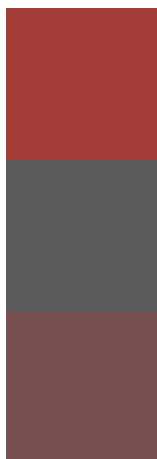
Deuteranomaly

13.2977, 11.0447, 4.5629

Tritanomaly

17.6632, 11.3362, 5.3948

Monochromacy



Original Color

17.6153, 11.4001, 4.8864

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.7150, 10.1389, 8.5473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6153, 11.4001, 4.8864 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(164, 60, 55)` looks like.

```
.text, #text, p{  
    color:rgb(164, 60, 55)  
}
```

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(164, 60, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 60, 55) }
```

Border

The CSS property to change the border of an element to XYZ 17.6153, 11.4001, 4.8864 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(164, 60, 55) }
```


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

```
.border{ border-color:rgb(164, 60, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 60, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 60, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 60, 55);  
box-shadow:4px 4px 4px 4px rgb(164, 60,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6153, 11.4001, 4.8864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 60, 55) }
```

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

```
.background{ background-color: rgb(164, 60,  
55) }
```

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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