

Converting Colors

XYZ(17.6182, 15.1935, 2.8574)

Have a look what the booklet for
XYZ(17.6182, 15.1935, 2.8574)
contains.

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Color

**XYZ(17.5835, 15.1204,
2.8559)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5F18
RGB	154, 95, 24
RGB Percent	60%, 37%, 9%
CMY	0.3961, 0.6274, 0.9059
CMYK	0.00, 0.38, 0.84, 0.40
HSL	33°, 73%, 35%
HSV	33°, 84%, 60%
XYZ	17.5835, 15.1204, 2.8559
YIQ	104.5470, 57.9550, -9.5730

Conversions

Conversions Part 2

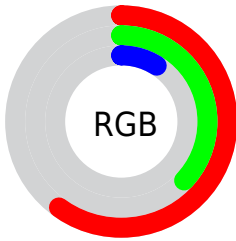
Format	Color
RYB	132, 154, 24
Decimal	10116888
CIELab	45.80, 18.53, 47.13
CIELCh	46, 50.637, 68.539
Yxy	15.1204, 0.4945, 0.4252
Android (android.graphics.Color)	4288306968 (0xFF9A5F18)
YUV	104.5470, -39.7097, 43.3703
Hunter-Lab	38.8850, 12.6677, 22.8649

Details

The XYZ color **17.5835, 15.1204, 2.8559** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.3024, 8.7133, 31.7631**, and the grayscale version is **13.3981, 14.0958, 15.3503**.

A 20% lighter version of the original color is **38.9555, 35.1983, 11.2193**, and **6.0940, 4.7106, 0.5880** is the 20% darker color. If you saturate the color by 10%, you get **16.8645, 13.8709, 2.0355**, and if you desaturate by 10%, it is **18.4499, 16.5206, 4.1709**.

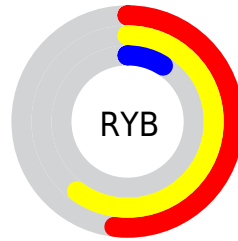
Distribution



Red (60%)

Green (37%)

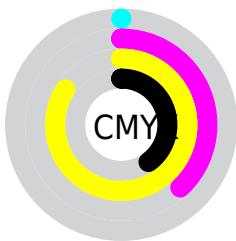
Blue (9%)



Red (52%)

Yellow (60%)

Blue (9%)

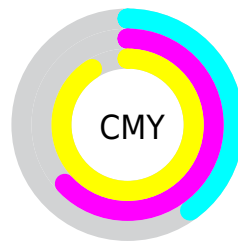


Cyan (0%)

Magenta (38%)

Yellow (84%)

Black (40%)



Cyan (40%)


Magenta (63%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5835, 15.1204, 2.8559 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 17.5835, 15.1204, 2.8559 by changing the saturation by 10% instead.


 17.5835, 15.1204,
2.8559


 17.5835, 15.1204,
2.8559


231.6041,
224.0938, 134.5036


 10.7493, 8.9039,
1.0215


 38.8620, 35.0643,
11.2707


 5.9645, 4.6786,
0.0000


 54.0370, 49.5604,
18.6883


 2.8640, 2.0599,
0.0000

 72.7229, 67.5853,
28.8040

 1.0822, 0.6419,
0.0000

 95.2851, 89.5233,
42.0364


 0.0102, 0.0000,
0.0000


 122.0890,
115.7587, 58.8040


 0.0000, 0.0000,
0.0000


 153.4999,


146.6760, 79.5254


 189.8831,
182.6596, 104.6191


 17.5835, 15.1204,
2.8559


 17.5835, 15.1204,
2.8559


 16.8645, 13.8709,
2.0355


 18.4499, 16.5206,
4.1709

 16.5054, 13.2280,
1.6833

 19.4779, 18.0774,
6.0523

 20.6802, 19.7988,
8.5594

 22.0680, 21.6913,
11.7440

 23.6511, 23.7611,
15.6522

■ 25.4388, 26.0137,
20.3262

■ 27.4396, 28.4545,
25.8048

■ 29.6615, 31.0886,
32.1242

■ 32.1119, 33.9208,
39.3183

Harmonies

Analogous

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



21.7827, 15.1204, 5.7419



17.5835, 15.1204, 2.8559



13.1886, 15.1204, 2.4514

Triad

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



17.5835, 15.1204, 2.8559



7.6946, 15.1204, 20.2005



20.1066, 15.1204, 42.4939

Complementary

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



17.5835, 15.1204, 2.8559



9.3024, 8.7133, 31.7631

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.



15.6231, 15.1204, 52.2941



17.5835, 15.1204, 2.8559



8.8667, 15.1204, 35.8457

Square

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



17.5835, 15.1204, 2.8559



8.0137, 15.1204, 9.2824



11.5766, 15.1204, 49.3950



23.4282, 15.1204, 26.6311

Rectangle

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



17.5835, 15.1204, 2.8559



10.8007, 15.1204, 3.2540



11.5766, 15.1204, 49.3950



18.6535, 15.1204, 46.8910

Sweetspot

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



17.5838, 15.1212, 2.8562



45.8406, 46.7952, 35.9317



15.2795, 8.1739, 9.2976



10.1287, 10.2829, 7.4797



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.5838, 15.1212, 2.8562



29.7876, 23.6381, 2.9926



24.2367, 29.6294, 5.3059



6.4743, 6.7537, 6.5682



13.4835, 10.8495, 1.3835



0.2379, 0.2349, 0.0328

Inverse Universe

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



9.3024, 8.7133, 31.7631



14.3728, 11.7926, 57.0550



6.6475, 3.2381, 30.8462



6.1038, 6.4649, 7.8551



6.5657, 5.5280, 25.6287



0.1338, 0.1540, 0.3950

Previews

White Background



This preview shows how the XYZ color 17.5835, 15.1204, 2.8559 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 17.5835, 15.1204, 2.8559 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 17.5835, 15.1204, 2.8559

Background



This preview shows how black text looks on a background with the XYZ color 17.5835, 15.1204, 2.8559.



This preview shows how white text looks on a background with the XYZ color 17.5835, 15.1204,

2.8559.

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

17.5835, 15.1204, 2.8559

Protanopia

13.7043, 15.1587, 3.3022

Deuteranopia

15.2843, 15.0659, 2.7185



Tritanopia

19.5426, 15.1391, 12.7186

Trichromacy



Original Color

17.5835, 15.1204, 2.8559

Protanomaly

14.9797, 15.0481, 3.1520

Deuteranomaly

16.0202, 15.0081, 2.7620

Tritanomaly

18.5256, 14.9798, 7.5452

Monochromacy



Original Color

17.5835, 15.1204, 2.8559

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.1266, 14.0401, 8.8029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5835, 15.1204, 2.8559 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(154, 95, 24)` looks like.

```
.text, #text, p{  
    color:rgb(154, 95, 24)  
}
```

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(154, 95, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 95, 24) }
```

Border

The CSS property to change the border of an element to XYZ 17.5835, 15.1204, 2.8559 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(154, 95, 24) }
```


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

```
.border{ border-color:rgb(154, 95, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 95, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 95, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 95, 24);  
box-shadow:4px 4px 4px 4px rgb(154, 95,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5835, 15.1204, 2.8559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 95, 24) }
```

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

```
.background{ background-color: rgb(154, 95,  
24) }
```

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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