

Converting Colors

XYZ(18.0554, 10.2302, 1.5674)

Have a look what the booklet for
XYZ(18.0554, 10.2302, 1.5674)
contains.

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Color

**XYZ(17.9656, 10.1865,
1.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	AD2411
RGB	173, 36, 17
RGB Percent	68%, 14%, 7%
CMY	0.3216, 0.8588, 0.9333
CMYK	0.00, 0.79, 0.90, 0.32
HSL	7°, 82%, 37%
HSV	7°, 90%, 68%
XYZ	17.9656, 10.1865, 1.5496
YIQ	74.7970, 87.7510, 23.1350

Conversions

Conversions Part 2

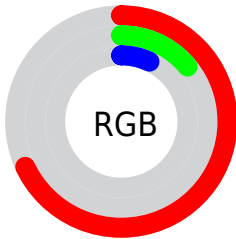
Format	Color
R_{YB}	173, 39, 17
Decimal	11346961
CIE _{Lab}	38.18, 53.44, 44.94
CIE _{LCh}	38, 69.820, 40.063
Yxy	10.1865, 0.6049, 0.3430
Android (android.graphics.Color)	4289537041 (0xFFAD2411)
YUV	74.7970, -28.4939, 86.1240
Hunter-Lab	31.9163, 44.6237, 19.4628

Details

The XYZ color **17.9656, 10.1865, 1.5496** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **19.3274, 26.2432, 43.5815**, and the grayscale version is **6.6908, 7.0393, 7.6658**.

A 20% lighter version of the original color is **39.5202, 26.2084, 7.8263**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **17.5031, 9.4236, 0.8964**, and if you desaturate by 10%, it is **18.7192, 11.3869, 2.7475**.

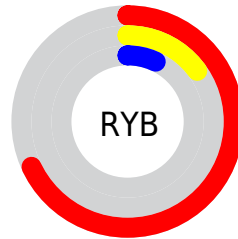
Distribution



Red (68%)

Green (14%)

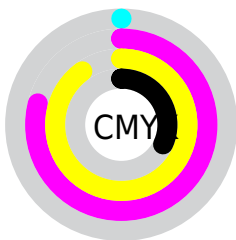
Blue (7%)



Red (68%)

Yellow (15%)

Blue (7%)

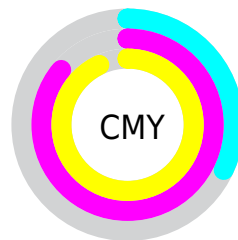


Cyan (0%)

Magenta (79%)

Yellow (90%)

Black (32%)



Cyan (32%)


Magenta (86%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9656, 10.1865, 1.5496 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 17.9656, 10.1865, 1.5496 by changing the saturation by 10% instead.


 17.9656, 10.1865,
1.5496


 17.9656, 10.1865,
1.5496


 233.7264,
191.9980, 114.9366


 11.0248, 5.5228,
0.2545


 39.5092, 26.1457,
7.7682


 6.1510, 2.5571,
0.0000


 54.8428, 38.2100,
13.6887


 2.9786, 0.9052,
0.0000

 73.7047, 53.5099,
22.0414

 1.1425, 0.0000,
0.0000

 96.4603, 72.4299,
33.2448


 0.0602, 0.0000,
0.0000


 123.4749, 95.3543,
47.7175


 0.0000, 0.0000,
0.0000


 155.1139,


122.6675, 65.8780


 191.7426,
154.7539, 88.1449


 17.9656, 10.1865,
1.5496


 17.9656, 10.1865,
1.5496


 17.5031, 9.4236,
0.8964

 18.7192, 11.3869,
2.7475

 19.8157, 13.0713,
4.6804

 21.2907, 15.2851,
7.4422

 23.1754, 18.0678,
11.1124

 25.4976, 21.4553,
15.7614

■ 28.2826, 25.4803,
21.4525

■ 31.5537, 30.1733,
28.2437

■ 35.3328, 35.5628,
36.1888

■ 39.6402, 41.6757,
45.3380

Harmonies

Analogous

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



20.9974, 10.1865, 7.2884



17.9656, 10.1865, 1.5496



12.9555, 10.1865, 0.0129

Triad

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



17.9656, 10.1865, 1.5496



3.5976, 10.1865, 4.5883



11.2801, 10.1865, 58.0266

Complementary

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



17.9656, 10.1865, 1.5496



19.3274, 26.2432, 43.5815

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.



7.0123, 10.1865, 54.7511



17.9656, 10.1865, 1.5496



3.4013, 10.1865, 16.0296

Square

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



17.9656, 10.1865, 1.5496



5.0990, 10.1865, 0.8658



4.4403, 10.1865, 36.0366



16.4163, 10.1865, 43.0934

Rectangle

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



17.9656, 10.1865, 1.5496



9.6724, 10.1865, 0.0000



4.4403, 10.1865, 36.0366



9.6915, 10.1865, 59.1873

Sweetspot

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



17.9658, 10.1871, 1.5497



52.1484, 47.7848, 41.5079



23.3334, 11.6449, 31.9399



10.9405, 9.8200, 8.2104



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.9658, 10.1871, 1.5497



31.2646, 16.7112, 1.5778



23.2620, 20.7795, 3.3151



8.0810, 8.1668, 8.3638



12.8824, 6.9704, 0.6664



0.3826, 0.2423, 0.0266

Inverse Universe

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



19.3274, 26.2432, 43.5815



33.4868, 45.3594, 77.7961



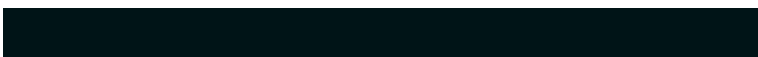
10.4138, 8.4161, 40.6103



8.1518, 8.9030, 10.2415



13.8081, 18.7500, 31.9359



0.4070, 0.5674, 0.8961

Previews

White Background



This preview shows how the XYZ color 17.9656, 10.1865, 1.5496 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 17.9656, 10.1865, 1.5496

Background



This preview shows how black text looks on a background with the XYZ color 17.9656, 10.1865, 1.5496.



This preview shows how white text looks on a background with the XYZ color 17.9656, 10.1865,

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

17.9656, 10.1865, 1.5496

Protanopia

9.4549, 10.4007, 2.7375

Deuteranopia

10.4784, 10.4612, 1.4669



Tritanopia

18.0943, 10.1438, 2.5176

Trichromacy



Original Color

17.9656, 10.1865, 1.5496

Protanomaly

11.3308, 9.1659, 2.0917

Deuteranomaly

12.2533, 9.3816, 1.3373

Tritanomaly

18.0442, 10.1701, 2.1106

Monochromacy



Original Color

17.9656, 10.1865, 1.5496

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

8.8901, 6.9833, 4.3694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9656, 10.1865, 1.5496 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(173, 36, 17)` looks like.

```
.text, #text, p{  
    color:rgb(173, 36, 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(173, 36, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 36, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.9656, 10.1865, 1.5496 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(173, 36, 17) }
```


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

```
.border{ border-color:rgb(173, 36, 17) }
```

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

Here you see how a box with a 4 pixel rgb(173, 36, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 36, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 36, 17);  
box-shadow:4px 4px 4px 4px rgb(173, 36,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9656, 10.1865, 1.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 36, 17) }
```

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

```
.background{ background-color: rgb(173, 36,  
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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