

Converting Colors

XYZ(18.1194, 14.5246, 1.8485)

Have a look what the booklet for
XYZ(18.1194, 14.5246, 1.8485)
contains.

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Color

**XYZ(18.1877, 14.5565,
1.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	A15800
RGB	161, 88, 0
RGB Percent	63%, 35%, 0%
CMY	0.3686, 0.6549, 1.0000
CMYK	0.00, 0.45, 1.00, 0.37
HSL	33°, 100%, 32%
HSV	33°, 100%, 63%
XYZ	18.1877, 14.5565, 1.8511
YIQ	99.7950, 71.7560, -11.8920

Conversions

Conversions Part 2

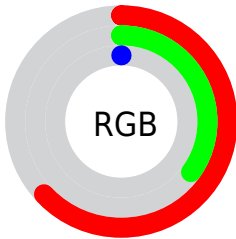
Format	Color
RYB	134, 161, 0
Decimal	10573824
CIELab	45.02, 25.11, 53.78
CIELCh	45, 59.353, 64.976
Yxy	14.5565, 0.5257, 0.4208
Android (android.graphics.Color)	4288763904 (0xFFA15800)
YUV	99.7950, -49.1989, 53.6768
Hunter-Lab	38.1530, 18.3240, 23.8305

Details

The XYZ color **18.1877, 14.5565, 1.8511** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.8156, 7.3383, 34.6699**, and the grayscale version is **12.1699, 12.8037, 13.9433**.

A 20% lighter version of the original color is **39.8408, 34.1532, 8.6301**, and **6.3865, 4.4694, 0.5261** is the 20% darker color. If you saturate the color by 10%, you get **18.1878, 14.5569, 1.8512**, and if you desaturate by 10%, it is **18.9119, 15.8541, 2.5577**.

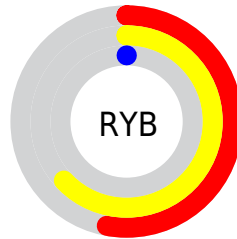
Distribution



Red (63%)

Green (35%)

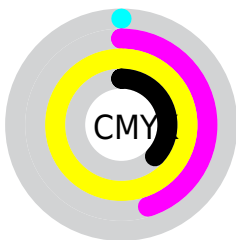
Blue (0%)



Red (53%)

Yellow (63%)

Blue (0%)

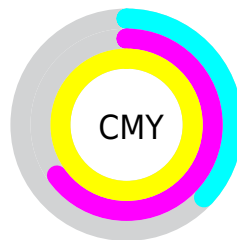


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (65%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 18.1877, 14.5565, 1.8511 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 18.1877, 14.5565, 1.8511 by changing the saturation by 10% instead.


 18.1877, 14.5565,
1.8511


 18.1877, 14.5565,
1.8511


 234.9521,
220.6659, 120.0201


 11.1853, 8.5087,
0.4613


 39.8845, 34.0732,
8.6296


 6.2598, 4.4222,
0.0000


 55.3096, 48.3110,
14.9378

 3.0459, 1.9124,
0.0000


 74.2730, 66.0476,
23.7499

 1.1781, 0.5558,
0.0000

 97.1401, 87.6673,
35.4847

 0.0889, 0.0000,
0.0000

 124.2762,
113.5546, 50.5606

 0.0000, 0.0000,
0.0000

 156.0466,

144.0939, 69.3960

■ 192.8168,
179.6695, 92.4097

■ 18.1877, 14.5565,
1.8511

■ 18.1877, 14.5565,
1.8511

■ 18.1878, 14.5569,
1.8512

■ 18.9119, 15.8541,
2.5577

■ 19.7723, 17.3044,
3.6791

■ 20.8033, 18.9241,
5.3856

■ 22.0199, 20.7219,
7.7502

■ 23.4354, 22.7055,
10.8349

■ 25.0617, 24.8819,
14.6946

■ 26.9094, 27.2576,
19.3787

■ 28.9884, 29.8389,
24.9324

■ 31.3078, 32.6314,
31.3978

Harmonies

Analogous

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



23.0168, 14.5565, 4.9095



18.1877, 14.5565, 1.8511



13.0389, 14.5565, 1.3316

Triad

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



18.1877, 14.5565, 1.8511



6.4450, 14.5565, 18.2919



19.9291, 14.5565, 49.5554

Complementary

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



18.1877, 14.5565, 1.8511



8.8156, 7.3383, 34.6699

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.



14.6639, 14.5565, 60.4059



18.1877, 14.5565, 1.8511



7.4924, 14.5565, 36.7349

Square

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



18.1877, 14.5565, 1.8511



6.9655, 14.5565, 6.9951



10.2397, 14.5565, 54.6987



24.1764, 14.5565, 30.1194

Rectangle

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



18.1877, 14.5565, 1.8511



10.2455, 14.5565, 1.8488



10.2397, 14.5565, 54.6987



18.1791, 14.5565, 54.7204

Sweetspot

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



18.1880, 14.5573, 1.8514



47.9944, 48.5657, 34.1898



15.9726, 8.0870, 7.4001



10.2311, 10.2755, 6.7405



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.



18.1880, 14.5573, 1.8514



32.3734, 25.6711, 3.2487



26.3843, 32.5210, 4.8867



7.3795, 7.6975, 7.4769



14.5673, 11.7085, 1.4922



0.3526, 0.3390, 0.0468

Inverse Universe

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



8.8156, 7.3383, 34.6699



15.5957, 12.7578, 62.0271



6.5003, 2.6080, 33.8788



6.9526, 7.3642, 8.9581



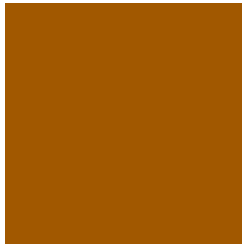
7.0803, 5.9401, 27.7032



0.1958, 0.2189, 0.5978

Previews

White Background



This preview shows how the XYZ color 18.1877, 14.5565, 1.8511 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 18.1877, 14.5565, 1.8511

Background



This preview shows how black text looks on a background with the XYZ color 18.1877, 14.5565, 1.8511.



This preview shows how white text looks on a background with the XYZ color 18.1877, 14.5565,

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

18.1877, 14.5565, 1.8511

Protanopia

13.3204, 14.8191, 2.5391

Deuteranopia

14.7430, 14.6536, 2.0514



Tritanopia

20.0886, 14.6317, 10.9979

Trichromacy



Original Color

18.1877, 14.5565, 1.8511

Protanomaly

14.8509, 14.5591, 2.2572

Deuteranomaly

15.7763, 14.4787, 1.9632

Tritanomaly

18.9884, 14.4127, 5.5225

Monochromacy



Original Color

18.1877, 14.5565, 1.8511

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.1343, 12.8735, 6.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1877, 14.5565, 1.8511 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, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 88, 0)  
}
```

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, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 88, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.1877, 14.5565, 1.8511 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, 88, 0) }
```


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

```
.border{ border-color:rgb(161, 88, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 88, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.1877, 14.5565, 1.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 88, 0) }
```

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

```
.background{ background-color: rgb(161, 88,  
0) }
```

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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