

Converting Colors

XYZ(18.1147, 20.2161, 3.3511)

Have a look what the booklet for
XYZ(18.1147, 20.2161, 3.3511)
contains.

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Color

**XYZ(18.0603, 20.1879,
3.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7D0E
RGB	139, 125, 14
RGB Percent	55%, 49%, 5%
CMY	0.4549, 0.5098, 0.9451
CMYK	0.00, 0.10, 0.90, 0.45
HSL	53°, 82%, 30%
HSV	53°, 90%, 55%
XYZ	18.0603, 20.1879, 3.3602
YIQ	116.5320, 43.9750, -31.5530

Conversions

Conversions Part 2

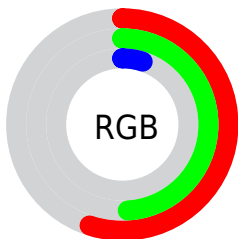
Format	Color
RYB	30, 139, 14
Decimal	9141518
CIELab	52.05, -5.86, 54.59
CIELCh	52, 54.906, 96.129
Yxy	20.1879, 0.4341, 0.4852
Android (android.graphics.Color)	4287331598 (0xFF8B7D0E)
YUV	116.5320, -50.5483, 19.7044
Hunter-Lab	44.9309, -6.8799, 27.0176

Details

The XYZ color **18.0603, 20.1879, 3.3602** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.2566, 2.7880, 24.6869**, and the grayscale version is **16.9060, 17.7865, 19.3695**.

A 20% lighter version of the original color is **39.6568, 43.6479, 12.4656**, and **6.4002, 7.2390, 1.0600** is the 20% darker color. If you saturate the color by 10%, you get **17.7865, 19.7664, 2.8809**, and if you desaturate by 10%, it is **18.3885, 20.6377, 4.1070**.

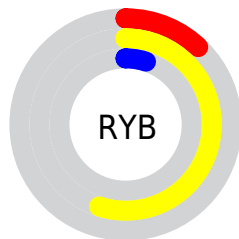
Distribution



Red (55%)

Green (49%)

Blue (5%)



Red (12%)

Yellow (55%)

Blue (5%)

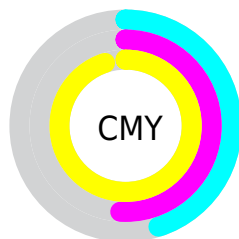


Cyan (0%)

Magenta (10%)

Yellow (90%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0603, 20.1879, 3.3602 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 18.0603, 20.1879, 3.3602 by changing the saturation by 10% instead.

■ 18.0603, 20.1879,
3.3602

■ 18.0603, 20.1879,
3.3602

234.2497,
252.9305, 140.8238

■ 11.0932, 12.5317,
1.2814

■ 39.6693, 43.7320,
12.5050

■ 6.1973, 7.1069,
0.0464

■ 55.0420, 60.3887,
20.4081

■ 3.0072, 3.5290,
0.0000

■ 73.9473, 80.8143,
31.0897

■ 1.1576, 1.4138,
0.0000

■ 96.7505, 105.3933,
44.9683

■ 0.0725, 0.2268,
0.0000

■ 123.8169,
134.5100, 62.4624

■ 0.0000, 0.0000,
0.0000

■ 155.5121,

168.5488, 83.9907

192.2012,
207.8942, 109.9717

18.0603, 20.1879,
3.3602

18.0603, 20.1879,
3.3602

17.7865, 19.7664,
2.8809

18.3885, 20.6377,
4.1070

17.7845, 19.7632,
2.8773

18.7962, 21.1235,
5.2589

19.2932, 21.6500,
6.8657

19.8875, 22.2204,
8.9700

20.5865, 22.8377,
11.6094

■ 21.3964, 23.5045,
14.8177

■ 22.3233, 24.2230,
18.6261

■ 23.3726, 24.9957,
23.0636

■ 24.5494, 25.8245,
28.1571

Harmonies

Analogous

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



23.8872, 20.1879, 4.1148



18.0603, 20.1879, 3.3602



13.5100, 20.1879, 5.2900

Triad

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



18.0603, 20.1879, 3.3602



11.7343, 20.1879, 45.6592



30.8249, 20.1879, 36.9839

Complementary

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



18.0603, 20.1879, 3.3602



5.2566, 2.7880, 24.6869

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.



26.2684, 20.1879, 57.5153



18.0603, 20.1879, 3.3602



15.1494, 20.1879, 64.0017

Square

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



18.0603, 20.1879, 3.3602



10.3444, 20.1879, 25.4436



20.3617, 20.1879, 69.1571



32.0198, 20.1879, 18.8480

Rectangle

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



18.0603, 20.1879, 3.3602



11.5596, 20.1879, 8.8779



20.3617, 20.1879, 69.1571



29.5975, 20.1879, 44.0561

Sweetspot

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



18.0608, 20.1889, 3.3606



38.6865, 42.3852, 28.0317



11.0212, 5.8898, 1.6918



8.8067, 9.6811, 6.0231



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.0608, 20.1889, 3.3606



31.7739, 35.2421, 5.1277



13.6346, 20.7252, 3.6974



5.3841, 5.7510, 5.3787



16.0592, 17.8528, 2.5995



0.1130, 0.1312, 0.0194

Inverse Universe

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



5.2566, 2.7880, 24.6869



8.6006, 3.8482, 44.0324



6.7988, 3.1998, 24.6851



4.8169, 4.9766, 6.3126



4.3747, 2.0198, 22.2050



0.0341, 0.0236, 0.1492

Previews

White Background



This preview shows how the XYZ color 18.0603, 20.1879, 3.3602 looks on a white 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

Black Background



This preview shows how the XYZ color 18.0603, 20.1879, 3.3602 looks on a black 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

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

XYZ 18.0603, 20.1879, 3.3602

Background



This preview shows how black text looks on a background with the XYZ color 18.0603, 20.1879, 3.3602.



This preview shows how white text looks on a background with the XYZ color 18.0603, 20.1879,

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

18.0603, 20.1879, 3.3602

Protanopia

18.2281, 20.2744, 3.3681

Deuteranopia

20.5184, 20.1791, 3.5230



Tritanopia

21.8011, 20.0824, 22.1293

Trichromacy



Original Color

18.0603, 20.1879, 3.3602

Protanomaly

18.2281, 20.2744, 3.3681

Deuteranomaly

19.5242, 20.2024, 3.4427

Tritanomaly

19.5642, 19.6892, 11.3636

Monochromacy



Original Color

18.0603, 20.1879, 3.3602

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6219, 18.3721, 10.2595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0603, 20.1879, 3.3602 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(139, 125, 14)` looks like.

```
.text, #text, p{  
    color:rgb(139, 125, 14)  
}
```

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(139, 125, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 125, 14) }
```

Border

The CSS property to change the border of an element to XYZ 18.0603, 20.1879, 3.3602 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(139, 125, 14) }
```


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

```
.border{ border-color:rgb(139, 125, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 125, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 125, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 125, 14);  
box-shadow:4px 4px 4px 4px rgb(139, 125,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0603, 20.1879, 3.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 125, 14) }
```

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

```
.background{ background-color: rgb(139,  
125, 14) }
```

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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