

Converting Colors

XYZ(16.8892, 16.6679, 3.4615)

Have a look what the booklet for
XYZ(16.8892, 16.6679, 3.4615)
contains.

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Color

**XYZ(16.9120, 16.6535,
3.4855)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6C1D
RGB	143, 108, 29
RGB Percent	56%, 42%, 11%
CMY	0.4392, 0.5765, 0.8863
CMYK	0.00, 0.24, 0.80, 0.44
HSL	42°, 66%, 34%
HSV	42°, 80%, 56%
XYZ	16.9120, 16.6535, 3.4855
YIQ	109.4590, 46.2190, -17.1490

Conversions

Conversions Part 2

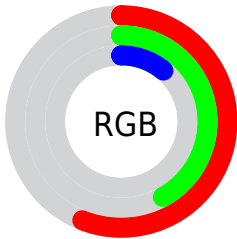
Format	Color
R_{YB}	80, 143, 29
Decimal	9399325
CIE _{Lab}	47.82, 6.14, 46.53
CIE _{LCh}	48, 46.935, 82.486
Yxy	16.6535, 0.4565, 0.4495
Android (android.graphics.Color)	4287589405 (0xFF8F6C1D)
YUV	109.4590, -39.6663, 29.4155
Hunter-Lab	40.8087, 2.5590, 23.5021

Details

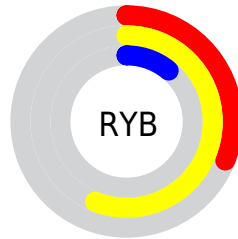
The XYZ color **16.9120, 16.6535, 3.4855** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.2979, 5.9110, 26.7426**, and the grayscale version is **14.7671, 15.5362, 16.9189**.

A 20% lighter version of the original color is **37.6655, 37.6548, 12.8723**, and **5.7886, 5.4613, 0.7491** is the 20% darker color. If you saturate the color by 10%, you get **16.3233, 15.6964, 2.6103**, and if you desaturate by 10%, it is **17.6069, 17.6917, 4.8016**.

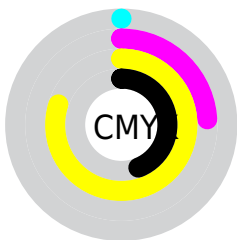
Distribution



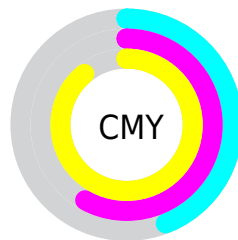
- Red (56%)
- Green (42%)
- Blue (11%)



- Red (31%)
- Yellow (56%)
- Blue (11%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9120, 16.6535, 3.4855 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 16.9120, 16.6535, 3.4855 by changing the saturation by 10% instead.

■ 16.9120, 16.6535,
3.4855

■ 16.9120, 16.6535,
3.4855

227.8309,
233.1676, 142.3225

■ 10.2667, 9.9878,
1.3476

■ 37.7192, 37.7291,
12.8046

■ 5.6398, 5.3908,
0.1003

■ 52.6118, 52.9077,
20.8229

■ 2.6659, 2.4784,
0.0000

■ 70.9842, 71.6927,
31.6384

■ 0.9796, 0.8658,
0.0000

■ 93.2018, 94.4685,
45.6696

■ 0.0000, 0.0000,
0.0000

■ 119.6299,
121.6195, 63.3350

■ 150.6339,

153.5301, 85.0533

186.5791,
190.5847, 111.2430

16.9120, 16.6535,
3.4855

16.9120, 16.6535,
3.4855

16.3233, 15.6964,
2.6103

17.6069, 17.6917,
4.8016

15.8129, 14.8068,
2.0361

18.4174, 18.8133,
6.6109

15.7990, 14.7824,
2.0206

19.3526, 20.0232,
8.9592

20.4206, 21.3251,
11.8869

21.6287, 22.7223,
15.4304

■ 22.9833, 24.2181,
19.6234

■ 24.4908, 25.8153,
24.4967

■ 26.1570, 27.5168,
30.0794

■ 27.9872, 29.3252,
36.3988

Harmonies

Analogous

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



21.2928, 16.6535, 5.2527



16.9120, 16.6535, 3.4855



12.9279, 16.6535, 4.0331

Triad

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



16.9120, 16.6535, 3.4855



9.4608, 16.6535, 28.5333



23.1640, 16.6535, 36.2507

Complementary

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



16.9120, 16.6535, 3.4855



7.2979, 5.9110, 26.7426

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.



19.1338, 16.6535, 49.1317



16.9120, 16.6535, 3.4855



11.3898, 16.6535, 43.4669

Square

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



16.9120, 16.6535, 3.4855



9.0784, 16.6535, 15.2645



14.7926, 16.6535, 52.2360



25.2963, 16.6535, 21.3397

Rectangle

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



16.9120, 16.6535, 3.4855



10.9629, 16.6535, 5.8397



14.7926, 16.6535, 52.2360



21.9555, 16.6535, 41.1907

Sweetspot

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



16.9124, 16.6543, 3.4858



39.9647, 42.0661, 31.3978



12.7241, 7.1013, 5.7166



8.9887, 9.4510, 6.6589



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.9124, 16.6543, 3.4858



28.4824, 26.7851, 3.8827



18.0843, 23.8783, 4.8184



5.7017, 6.0098, 5.7489



13.9885, 13.1086, 1.7929



0.1533, 0.1645, 0.0237

Inverse Universe

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



7.2979, 5.9110, 26.7426



10.7114, 7.0781, 47.3397



6.7079, 3.5377, 26.3156



5.2562, 5.5083, 6.8149



5.1937, 3.3734, 23.3545



0.0674, 0.0677, 0.2292

Previews

White Background



This preview shows how the XYZ color 16.9120, 16.6535, 3.4855 looks on a white background.

Color Contrast Check

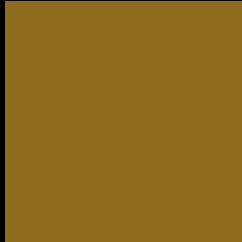
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9120, 16.6535, 3.4855 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 16.9120, 16.6535, 3.4855

Background



This preview shows how black text looks on a background with the XYZ color 16.9120, 16.6535, 3.4855.



This preview shows how white text looks on a background with the XYZ color 16.9120, 16.6535,

3.4855.

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

16.9120, 16.6535, 3.4855

Protanopia

15.1667, 16.7228, 3.7248

Deuteranopia

16.9120, 16.6535, 3.4855



Tritanopia

19.5732, 16.6860, 16.3765

Trichromacy



Original Color

16.9120, 16.6535, 3.4855

Protanomaly

15.7014, 16.6686, 3.6181

Deuteranomaly

16.9120, 16.6535, 3.4855

Tritanomaly

18.2157, 16.5761, 9.6366

Monochromacy



Original Color

16.9120, 16.6535, 3.4855

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8018, 15.5814, 9.8168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9120, 16.6535, 3.4855 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(143, 108, 29)` looks like.

```
.text, #text, p{  
    color:rgb(143, 108, 29)  
}
```

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(143, 108, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 108, 29) }
```

Border

The CSS property to change the border of an element to XYZ 16.9120, 16.6535, 3.4855 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(143, 108, 29) }
```


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

```
.border{ border-color:rgb(143, 108, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 108, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 108, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 108, 29);  
box-shadow:4px 4px 4px 4px rgb(143, 108,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9120, 16.6535, 3.4855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 108, 29) }
```

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

```
.background{ background-color: rgb(143,  
108, 29) }
```

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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