

Converting Colors

XYZ(16.8003, 19.3380, 5.2273)

Have a look what the booklet for
XYZ(16.8003, 19.3380, 5.2273)
contains.

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Color

**XYZ(16.7155, 19.2643,
5.2202)**

Conversions

Conversions Part 1

Format	Color
Hex	817C2C
RGB	129, 124, 44
RGB Percent	51%, 49%, 17%
CMY	0.4941, 0.5137, 0.8274
CMYK	0.00, 0.04, 0.66, 0.49
HSL	56°, 49%, 34%
HSV	56°, 66%, 51%
XYZ	16.7155, 19.2643, 5.2202
YIQ	116.3750, 28.6600, -23.8200

Conversions

Conversions Part 2

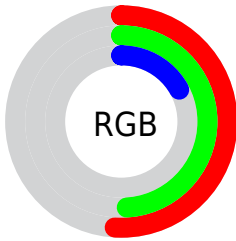
Format	Color
R_{YB}	49, 129, 44
Decimal	8485932
CIE _{Lab}	51.00, -8.64, 42.85
CIE _{LCh}	51, 43.715, 101.398
Yxy	19.2643, 0.4057, 0.4676
Android (android.graphics.Color)	4286676012 (0xFF817C2C)
YUV	116.3750, -35.6809, 11.0721
Hunter-Lab	43.8911, -8.8295, 23.6721

Details

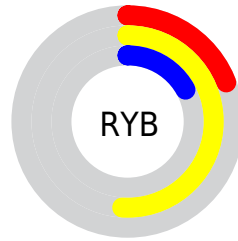
The XYZ color **16.7155, 19.2643, 5.2202** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.0994, 4.3169, 21.2804**, and the grayscale version is **16.8162, 17.6920, 19.2666**.

A 20% lighter version of the original color is **37.3129, 42.0492, 16.7394**, and **5.5766, 6.6099, 0.9819** is the 20% darker color. If you saturate the color by 10%, you get **16.4153, 18.9935, 4.1043**, and if you desaturate by 10%, it is **17.0928, 19.5685, 6.7343**.

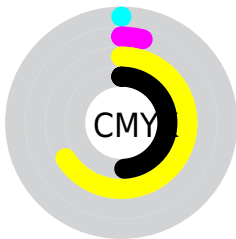
Distribution



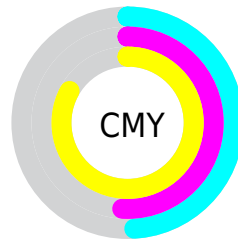
- Red (51%)
- Green (49%)
- Blue (17%)



- Red (19%)
- Yellow (51%)
- Blue (17%)



- Cyan (0%)
- Magenta (4%)
- Yellow (66%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7155, 19.2643, 5.2202 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 16.7155, 19.2643, 5.2202 by changing the saturation by 10% instead.

■ 16.7155, 19.2643,
5.2202

■ 16.7155, 19.2643,
5.2202

■ 226.7159,
247.9040, 160.9513

■ 10.1259, 11.8614,
2.3160

■ 37.3835, 42.1802,
16.7383

■ 5.5454, 6.6494,
0.7402

■ 52.1926, 58.4621,
26.1893

■ 2.6087, 3.2438,
0.0000

■ 70.4722, 78.4723,
38.6598

■ 0.9504, 1.2603,
0.0000

■ 92.5877, 102.5954,
54.5681

■ 0.0000, 0.1102,
0.0000

■ 118.9045,
131.2157, 74.3329

■ 0.0000, 0.0000,
0.0000

■ 149.7879,

164.7177, 98.3726

185.6032,
203.4856, 127.1059

■ 16.7155, 19.2643,
5.2202

■ 16.7155, 19.2643,
5.2202

■ 16.4153, 18.9935,
4.1043

■ 17.0928, 19.5685,
6.7343

■ 16.1835, 18.7505,
3.3472

■ 17.5520, 19.9061,
8.6788

■ 16.0086, 18.5314,
2.8854

■ 18.0995, 20.2800,
11.0839

■ 15.9414, 18.4436,
2.7198

■ 18.7403, 20.6925,
13.9767

■ 19.4791, 21.1453,
17.3825

■ 20.3205, 21.6404,
21.3245

■ 21.2686, 22.1793,
25.8247

■ 22.3273, 22.7636,
30.9037

■ 23.5003, 23.3949,
36.5813

Harmonies

Analogous

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



21.0929, 19.2643, 5.5327



16.7155, 19.2643, 5.2202



13.3434, 19.2643, 7.7028

Triad

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



16.7155, 19.2643, 5.2202



12.7540, 19.2643, 40.9940



27.3759, 19.2643, 29.5263

Complementary

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



16.7155, 19.2643, 5.2202



6.0994, 4.3169, 21.2804

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.



24.3778, 19.2643, 44.3913



16.7155, 19.2643, 5.2202



15.7836, 19.2643, 52.6098

Square

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



16.7155, 19.2643, 5.2202



11.3085, 19.2643, 26.0426



20.0031, 19.2643, 54.0525



27.7311, 19.2643, 16.6124

Rectangle

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



16.7155, 19.2643, 5.2202



11.9368, 19.2643, 11.5156



20.0031, 19.2643, 54.0525



26.6241, 19.2643, 34.5665

Sweetspot

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



16.7159, 19.2652, 5.2206



34.2550, 37.4865, 28.2192



10.5225, 6.6960, 3.7181



7.6841, 8.4422, 6.0681



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.7159, 19.2652, 5.2206



29.1761, 33.7916, 6.6016



12.7352, 18.1661, 5.2183



4.6444, 4.9775, 4.6361



15.5443, 17.9850, 2.6522



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.0994, 4.3169, 21.2804



8.6703, 4.9409, 37.6892



8.2423, 5.1285, 21.3241



4.1276, 4.2492, 5.4159



3.9448, 1.7080, 20.3717



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.7155, 19.2643, 5.2202 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 16.7155, 19.2643, 5.2202 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 16.7155, 19.2643, 5.2202

Background



This preview shows how black text looks on a background with the XYZ color 16.7155, 19.2643, 5.2202.



This preview shows how white text looks on a background with the XYZ color 16.7155, 19.2643,

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

16.7155, 19.2643, 5.2202

Protanopia

17.5489, 19.3277, 5.0912

Deuteranopia

19.4063, 19.0460, 5.3427



Tritanopia

20.1004, 19.2057, 22.0497

Trichromacy



Original Color

16.7155, 19.2643, 5.2202

Protanomaly

17.1919, 19.3269, 5.1099

Deuteranomaly

18.2993, 18.9938, 5.2865

Tritanomaly

18.3810, 19.0247, 13.7697

Monochromacy



Original Color

16.7155, 19.2643, 5.2202

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3274, 17.9968, 12.2860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7155, 19.2643, 5.2202 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(129, 124, 44)` looks like.

```
.text, #text, p{  
    color:rgb(129, 124, 44)  
}
```

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(129, 124, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 124, 44) }
```

Border

The CSS property to change the border of an element to XYZ 16.7155, 19.2643, 5.2202 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(129, 124, 44) }
```


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

```
.border{ border-color:rgb(129, 124, 44) }
```

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

Here you see how a box with a 4 pixel rgb(129, 124, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 124, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 124, 44);  
box-shadow:4px 4px 4px 4px rgb(129, 124,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7155, 19.2643, 5.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 124, 44) }
```

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

```
.background{ background-color: rgb(129,  
124, 44) }
```

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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