

Converting Colors

XYZ(16.6880, 19.3626, 3.6028)

Have a look what the booklet for
XYZ(16.6880, 19.3626, 3.6028)
contains.

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Color

**XYZ(16.7125, 19.2985,
3.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	837C16
RGB	131, 124, 22
RGB Percent	51%, 49%, 9%
CMY	0.4863, 0.5137, 0.9137
CMYK	0.00, 0.05, 0.83, 0.49
HSL	56°, 71%, 30%
HSV	56°, 83%, 51%
XYZ	16.7125, 19.2985, 3.6032
YIQ	114.4650, 36.9140, -30.2380

Conversions

Conversions Part 2

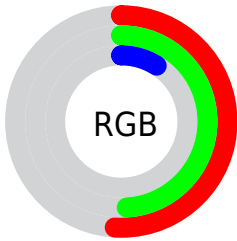
Format	Color
R_{YB}	29, 131, 22
Decimal	8616982
CIE Lab	51.03, -8.83, 51.37
CIE LCh	51, 52.119, 99.750
Yxy	19.2985, 0.4219, 0.4872
Android (android.graphics.Color)	4286807062 (0xFF837C16)
YUV	114.4650, -45.5852, 14.5012
Hunter-Lab	43.9301, -8.9701, 25.8880

Details

The XYZ color **16.7125, 19.2985, 3.6032** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.8670, 2.6880, 21.7348**, and the grayscale version is **16.2599, 17.1067, 18.6292**.

A 20% lighter version of the original color is **37.3234, 42.1373, 13.0036**, and **5.7263, 6.7886, 1.0085** is the 20% darker color. If you saturate the color by 10%, you get **16.5119, 19.0511, 3.0627**, and if you desaturate by 10%, it is **16.9788, 19.5751, 4.4818**.

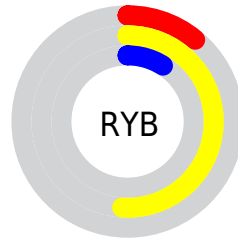
Distribution



Red (51%)

Green (49%)

Blue (9%)



Red (11%)

Yellow (51%)

Blue (9%)

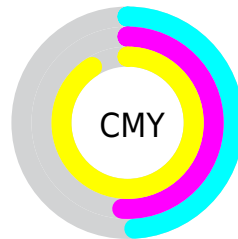


Cyan (0%)

Magenta (5%)

Yellow (83%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7125, 19.2985, 3.6032 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 16.7125, 19.2985, 3.6032 by changing the saturation by 10% instead.

■ 16.7125, 19.2985,
3.6032

■ 16.7125, 19.2985,
3.6032

226.6988,
248.0917, 143.7072

■ 10.1238, 11.8862,
1.4103

■ 37.3783, 42.2379,
13.0838

■ 5.5440, 6.6662,
0.1497

■ 52.1861, 58.5337,
21.2085

■ 2.6078, 3.2542,
0.0000

■ 70.4644, 78.5595,
32.1476

■ 0.9499, 1.2659,
0.0000

■ 92.5783, 102.6997,
46.3196

■ 0.0000, 0.1145,
0.0000

■ 118.8934,
131.3386, 64.1430

■ 0.0000, 0.0000,
0.0000

■ 149.7749,

164.8606, 86.0363

185.5883,
203.6502, 112.4182

16.7125, 19.2985,
3.6032

16.7125, 19.2985,
3.6032

16.5119, 19.0511,
3.0627

16.9788, 19.5751,
4.4818

16.3923, 18.8900,
2.7822

17.3184, 19.8817,
5.7433

17.7388, 20.2221,
7.4263

18.2465, 20.5988,
9.5645

18.8472, 21.0142,
12.1880

■ 19.5462, 21.4704,
15.3245

■ 20.3483, 21.9692,
18.9995

■ 21.2581, 22.5126,
23.2368

■ 22.2797, 23.1022,
28.0588

Harmonies

Analogous

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



21.9971, 19.2985, 4.0350



16.7125, 19.2985, 3.6032



12.6995, 19.2985, 5.8588

Triad

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



16.7125, 19.2985, 3.6032



11.7206, 19.2985, 44.9356



29.3199, 19.2985, 32.4674

Complementary

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



16.7125, 19.2985, 3.6032



4.8670, 2.6880, 21.7348

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.



25.4499, 19.2985, 51.3220



16.7125, 19.2985, 3.6032



15.1172, 19.2985, 60.5576

Square

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



16.7125, 19.2985, 3.6032



10.1961, 19.2985, 26.2040



20.0755, 19.2985, 63.3254



29.9673, 19.2985, 16.5569

Rectangle

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



16.7125, 19.2985, 3.6032



11.0349, 19.2985, 9.6990



20.0755, 19.2985, 63.3254



28.3224, 19.2985, 38.8332

Sweetspot

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



16.7129, 19.2994, 3.6036



34.6900, 38.2486, 26.0239



9.8721, 5.4893, 1.7193



7.9874, 8.8472, 5.6579



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.7129, 19.2994, 3.6036



29.3127, 33.7426, 4.9680



11.8965, 18.1645, 3.6384



5.0148, 5.3732, 5.0022



16.1367, 18.5960, 2.7389



0.0578, 0.0683, 0.0101

Inverse Universe

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



4.8670, 2.6880, 21.7348



7.4557, 3.1731, 38.6727



6.8547, 3.4865, 21.7842



4.4567, 4.5890, 5.8516



4.1232, 1.7942, 21.2657



0.0157, 0.0091, 0.0742

Previews

White Background



This preview shows how the XYZ color 16.7125, 19.2985, 3.6032 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 16.7125, 19.2985, 3.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

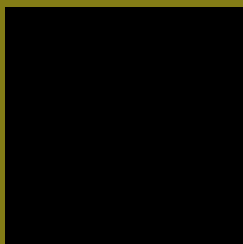
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.7125, 19.2985, 3.6032

Background



This preview shows how black text looks on a background with the XYZ color 16.7125, 19.2985, 3.6032.



This preview shows how white text looks on a background with the XYZ color 16.7125, 19.2985,

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

16.7125, 19.2985, 3.6032

Protanopia

17.4114, 19.2916, 3.5154

Deuteranopia

19.4654, 19.1129, 3.7001



Tritanopia

20.4163, 19.2057, 21.6998

Trichromacy



Original Color

16.7125, 19.2985, 3.6032

Protanomaly

17.2100, 19.3710, 3.5414

Deuteranomaly

18.3310, 19.0468, 3.6300

Tritanomaly

18.3521, 18.8792, 11.6936

Monochromacy



Original Color

16.7125, 19.2985, 3.6032

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7094, 17.5440, 10.3429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7125, 19.2985, 3.6032 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(131, 124, 22)` looks like.

```
.text, #text, p{  
    color:rgb(131, 124, 22)  
}
```

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(131, 124, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 124, 22) }
```

Border

The CSS property to change the border of an element to XYZ 16.7125, 19.2985, 3.6032 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(131, 124, 22) }
```


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

```
.border{ border-color:rgb(131, 124, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 124, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 124, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 124, 22);  
box-shadow:4px 4px 4px 4px rgb(131, 124,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7125, 19.2985, 3.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 124, 22) }
```

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

```
.background{ background-color: rgb(131,  
124, 22) }
```

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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