

Converting Colors

XYZ(16.5378, 33.2023, 7.5740)

Have a look what the booklet for
XYZ(16.5378, 33.2023, 7.5740)
contains.

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Color

**XYZ(17.1110, 33.6091,
7.5928)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00B628 |
| RGB | 0, 182, 40 |
| RGB Percent | 0%, 71%, 16% |
| CMY | 1.0000, 0.2863, 0.8431 |
| CMYK | 1.00, 0.00, 0.78, 0.29 |
| HSL | 133°, 100%, 36% |
| HSV | 133°, 100%, 71% |
| XYZ | 17.1110, 33.6091, 7.5928 |
| YIQ | 111.3940, -62.8900, -82.7460 |

Conversions

Conversions Part 2

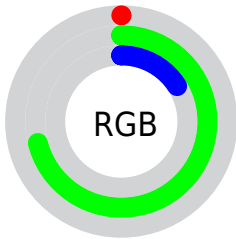
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 149, 182 |
| Decimal | 46632 |
| CIELab | 64.65, -65.31, 56.73 |
| CIELCh | 65, 86.509, 139.020 |
| Yxy | 33.6091, 0.2934, 0.5764 |
| Android (android.graphics.Color) | 4278236712 (0xFF00B628) |
| YUV | 111.3940, -35.1972, -97.6925 |
| Hunter-Lab | 57.9734, -48.7686, 32.8161 |

Details

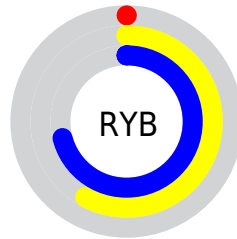
The XYZ color **17.1110, 33.6091, 7.5928** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **24.1751, 11.8988, 26.6158**, and the grayscale version is **15.3378, 16.1366, 17.5727**.

A 20% lighter version of the original color is **38.0148, 65.1742, 21.6426**, and **7.5894, 15.1787, 2.5298** is the 20% darker color. If you saturate the color by 10%, you get **17.1116, 33.6104, 7.5930**, and if you desaturate by 10%, it is **17.6527, 33.8561, 9.1199**.

Distribution



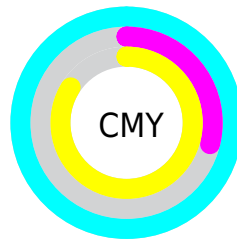
- Red (0%)
- Green (71%)
- Blue (16%)



- Red (0%)
- Yellow (58%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (29%)





- Cyan (100%)
- Magenta (29%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1110, 33.6091, 7.5928 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 17.1110, 33.6091, 7.5928 by changing the saturation by 10% instead.


 17.1110, 33.6091,
7.5928


 17.1110, 33.6091,
7.5928


228.9550,
318.3855, 182.3160


 10.4095, 22.5935,
3.7515

 38.0586, 65.3253,
21.6890


 5.7356, 14.2936,
1.4900


 53.0354, 86.7947,
32.7811


 2.7241, 8.3252,
0.2105


 71.5013, 112.5174,
47.1271

 1.0096, 4.3037,
0.0000

 93.8216, 142.8780,
65.1457

 0.0000, 1.8449,
0.0000

 120.3619,
178.2606, 87.2553

 0.0000, 0.5149,
0.0000

 151.4872,

 0.0000, 0.0000,

219.0498, 113.8745

0.0000

187.5632,
265.6300, 145.4219

■ 17.1110, 33.6091,
7.5928

■ 17.1110, 33.6091,
7.5928

■ 17.1116, 33.6104,
7.5930

■ 17.6527, 33.8561,
9.1199

■ 18.5263, 34.2620,
11.1709

■ 19.8290, 34.8769,
13.7910

■ 21.6105, 35.7257,
17.0189

■ 23.9135, 36.8297,
20.8895

■ 26.7760, 38.2077,
25.4352

■ 30.2322, 39.8768,
30.6863

■ 34.3136, 41.8526,
36.6709

■ 39.0494, 44.1496,
43.4160

Harmonies

Analogous

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



24.7856, 33.6091, 2.5561



17.1110, 33.6091, 7.5928



13.7864, 33.6091, 25.0663

Triad

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



17.1110, 33.6091, 7.5928



27.6140, 33.6091, 152.9306



60.2111, 33.6091, 18.5439

Complementary

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



17.1110, 33.6091, 7.5928



24.1751, 11.8988, 26.6158

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.



61.5413, 33.6091, 51.2059



17.1110, 33.6091, 7.5928



40.3639, 33.6091, 146.5899

Square

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



17.1110, 33.6091, 7.5928



18.7183, 33.6091, 116.1652



53.5426, 33.6091, 102.1449



50.2753, 33.6091, 5.4583

Rectangle

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



17.1110, 33.6091, 7.5928



13.7056, 33.6091, 48.3809



53.5426, 33.6091, 102.1449



61.7609, 33.6091, 26.8971

Sweetspot

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



17.1118, 33.6105, 7.5936



54.4610, 72.1254, 55.1128



27.9822, 39.2586, 6.1031



11.4224, 15.6373, 11.2598



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



17.1118, 33.6105, 7.5936



30.9502, 60.9043, 13.3874



20.7874, 35.0807, 26.9491



8.9690, 10.0916, 9.9942



12.1045, 23.7428, 5.4723



0.4502, 0.8464, 0.3167

Inverse Universe

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



24.1751, 11.8988, 26.6158



43.7353, 21.5344, 47.7673



19.9025, 10.1897, 4.1164



9.2942, 9.1280, 10.8964



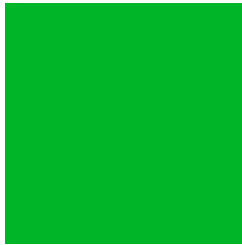
17.0969, 8.4125, 18.9291



0.6240, 0.3051, 0.7793

Previews

White Background



This preview shows how the XYZ color 17.1110, 33.6091, 7.5928 looks on a white background.

Color Contrast Check

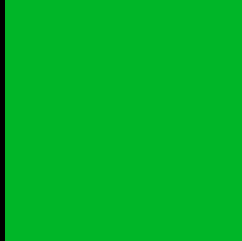
Large Text (above 18pt) WCAG AA × Fail

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 17.1110, 33.6091, 7.5928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

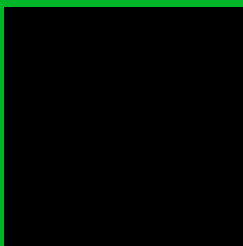
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

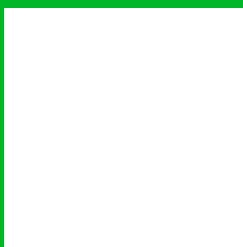
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1110, 33.6091, 7.5928

Background



This preview shows how black text looks on a background with the XYZ color 17.1110, 33.6091, 7.5928.



This preview shows how white text looks on a background with the XYZ color 17.1110, 33.6091,

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

17.1110, 33.6091, 7.5928

Protanopia

29.8422, 33.0007, 6.2358

Deuteranopia

33.5276, 32.9250, 8.2025



Tritanopia

25.8236, 33.6642, 49.9365

Trichromacy



Original Color

17.1110, 33.6091, 7.5928



Protanomaly

20.3291, 30.4171, 6.4687



Deuteranomaly

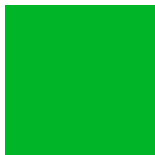
21.3149, 29.5829, 7.6043



Tritanomaly

20.4517, 32.5392, 26.6755

Monochromacy



Original Color

17.1110, 33.6091, 7.5928



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

13.1839, 19.8868, 11.7380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1110, 33.6091, 7.5928 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(0, 182, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 40)  
}
```

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(0, 182, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 40) }
```

Border

The CSS property to change the border of an element to XYZ 17.1110, 33.6091, 7.5928 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(0, 182, 40) }
```


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

```
.border{ border-color:rgb(0, 182, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 182, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 40);  
box-shadow:4px 4px 4px 4px rgb(0, 182, 40)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.1110, 33.6091, 7.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 40) }
```

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

```
.background{ background-color: rgb(0, 182,  
40) }
```

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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