

Converting Colors

XYZ(17.0818, 33.0155, 6.3365)

Have a look what the booklet for
XYZ(17.0818, 33.0155, 6.3365)
contains.

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Color

**XYZ(17.0818, 33.0155,
6.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	20B418
RGB	32, 180, 24
RGB Percent	13%, 71%, 9%
CMY	0.8745, 0.2941, 0.9058
CMYK	0.82, 0.00, 0.87, 0.29
HSL	117°, 76%, 40%
HSV	117°, 87%, 71%
XYZ	17.0818, 33.0155, 6.3365
YIQ	117.9640, -38.1320, -79.8920

Conversions

Conversions Part 2

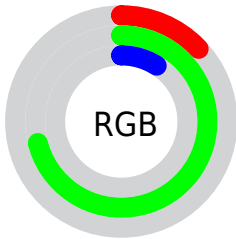
Format	Color
RYB	24, 180, 172
Decimal	2143256
CIELab	64.17, -63.41, 60.73
CIELCh	64, 87.799, 136.239
Yxy	33.0155, 0.3027, 0.5850
Android (android.graphics.Color)	4280333336 (0xFF20B418)
YUV	117.9640, -46.3243, -75.3904
Hunter-Lab	57.4591, -47.4879, 33.6830

Details

The XYZ color **17.0818, 33.0155, 6.3365** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **25.5812, 12.7211, 44.2888**, and the grayscale version is **17.3588, 18.2628, 19.8881**.

A 20% lighter version of the original color is **37.9873, 64.3501, 19.0130**, and **7.3336, 14.6672, 2.4445** is the 20% darker color. If you saturate the color by 10%, you get **16.5506, 32.7579, 5.6232**, and if you desaturate by 10%, it is **18.0105, 33.4660, 7.7018**.

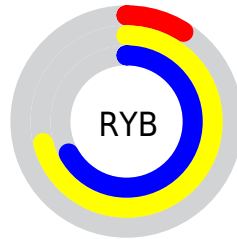
Distribution



Red (13%)

Green (71%)

Blue (9%)



Red (9%)

Yellow (71%)

Blue (67%)

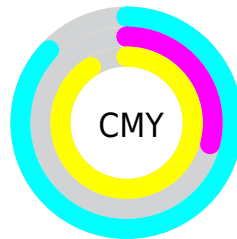


Cyan (82%)

Magenta (0%)

Yellow (87%)

Black (29%)



Cyan (87%)


Magenta (29%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0818, 33.0155, 6.3365 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 17.0818, 33.0155, 6.3365 by changing the saturation by 10% instead.


 17.0818, 33.0155,
6.3365


 17.0818, 33.0155,
6.3365

228.7904,
315.7196, 171.4468


 10.3885, 22.1383,
2.9787

 38.0088, 64.3997,
19.1150


 5.7215, 13.9586,
1.0838


 52.9733, 85.6756,
29.3728

 2.7155, 8.0919,
0.0000


 71.4255, 111.1864,
42.7677

 1.0052, 4.1538,
0.0000

 93.7308, 141.3167,
59.7181

 0.0000, 1.7600,
0.0000

 120.2546,
176.4507, 80.6427

 0.0000, 0.4620,
0.0000

 151.3622,

 0.0000, 0.0000,

216.9729, 105.9600

0.0000

187.4190,
263.2678, 136.0886

■ 17.0818, 33.0155,
6.3365

■ 17.0818, 33.0155,
6.3365

■ 16.5506, 32.7579,
5.6232

■ 18.0105, 33.4660,
7.7018

■ 16.4373, 32.7033,
5.4460

■ 19.3952, 34.1339,
9.8427

■ 21.2855, 35.0437,
12.8520

■ 23.7241, 36.2158,
16.8090

■ 26.7487, 37.6681,
21.7839

■ 30.3942, 39.4171,
27.8403

■ 34.6924, 41.4781,
35.0368

■ 39.6731, 43.8652,
43.4277

■ 45.3642, 46.5917,
53.0636

Harmonies

Analogous

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



25.1556, 33.0155, 2.1354



17.0818, 33.0155, 6.3365



13.4102, 33.0155, 21.9923

Triad

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



17.0818, 33.0155, 6.3365



26.0279, 33.0155, 151.9683



60.4007, 33.0155, 19.9936

Complementary

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



17.0818, 33.0155, 6.3365



25.5812, 12.7211, 44.2888

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.



60.8160, 33.0155, 54.8276



17.0818, 33.0155, 6.3365



38.5553, 33.0155, 149.9721

Square

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



17.0818, 33.0155, 6.3365



17.5742, 33.0155, 111.5856



52.0182, 33.0155, 107.1864



51.0002, 33.0155, 5.7004

Rectangle

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



17.0818, 33.0155, 6.3365



13.1034, 33.0155, 43.9185



52.0182, 33.0155, 107.1864



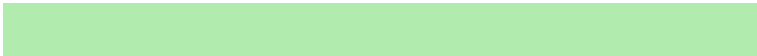
61.6669, 33.0155, 29.0058

Sweetspot

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



17.0826, 33.0169, 6.3372



55.2651, 71.5437, 50.7388



33.2886, 38.3707, 6.5165



11.4288, 15.2156, 10.1068



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



17.0826, 33.0169, 6.3372



29.7458, 59.2662, 9.8718



18.6134, 33.6040, 15.5405



8.4279, 9.5102, 9.0440



11.4893, 22.8330, 3.8017



0.3748, 0.7253, 0.1202

Inverse Universe

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



25.5812, 12.7211, 44.2888



45.2404, 21.5967, 80.0788



22.0973, 11.5363, 16.5101



8.8062, 8.6241, 10.7068



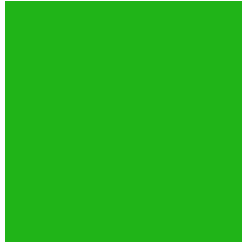
17.4554, 8.3344, 30.8257



0.5622, 0.2689, 0.9705

Previews

White Background



This preview shows how the XYZ color 17.0818, 33.0155, 6.3365 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 17.0818, 33.0155, 6.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

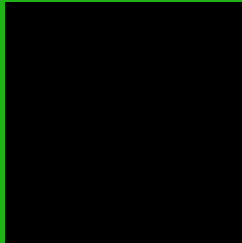
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 17.0818, 33.0155, 6.3365

Background



This preview shows how black text looks on a background with the XYZ color 17.0818, 33.0155, 6.3365.



This preview shows how white text looks on a background with the XYZ color 17.0818, 33.0155,

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

17.0818, 33.0155, 6.3365

Protanopia

29.2704, 32.4788, 5.2165

Deuteranopia

33.0007, 32.2166, 6.9617



Tritanopia

25.4675, 32.6791, 48.6815

Trichromacy



Original Color

17.0818, 33.0155, 6.3365



Protanomaly

21.4190, 30.7355, 5.4197



Deuteranomaly

22.5525, 29.7382, 6.3017



Tritanomaly

20.4405, 32.0170, 24.1714

Monochromacy



Original Color

17.0818, 33.0155, 6.3365



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

15.0556, 21.7161, 11.7856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0818, 33.0155, 6.3365 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(32, 180, 24)` looks like.

```
.text, #text, p{  
    color:rgb(32, 180, 24)  
}
```

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(32, 180, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 180, 24) }
```

Border

The CSS property to change the border of an element to XYZ 17.0818, 33.0155, 6.3365 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(32, 180, 24) }
```


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

```
.border{ border-color:rgb(32, 180, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 180, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 180, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 180, 24);  
box-shadow:4px 4px 4px 4px rgb(32, 180,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0818, 33.0155, 6.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 180, 24) }
```

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

```
.background{ background-color: rgb(32, 180,  
24) }
```

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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