

Converting Colors

XYZ(18.1523, 35.8597, 7.0531)

Have a look what the booklet for
XYZ(18.1523, 35.8597, 7.0531)
contains.

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Color

**XYZ(18.0550, 35.6632,
7.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	06BB1C
RGB	6, 187, 28
RGB Percent	2%, 73%, 11%
CMY	0.9765, 0.2667, 0.8902
CMYK	0.97, 0.00, 0.85, 0.27
HSL	127°, 94%, 38%
HSV	127°, 97%, 73%
XYZ	18.0550, 35.6632, 7.0307
YIQ	114.7550, -56.8370, -87.8210

Conversions

Conversions Part 2

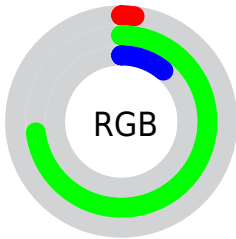
Format	Color
RYB	6, 167, 187
Decimal	441116
CIELab	66.26, -67.15, 61.59
CIELCh	66, 91.122, 137.472
Yxy	35.6632, 0.2972, 0.5871
Android (android.graphics.Color)	4278631196 (0xFF06BB1C)
YUV	114.7550, -42.7702, -95.3781
Hunter-Lab	59.7187, -50.5410, 34.8228

Details

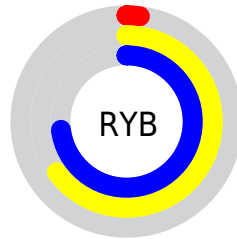
The XYZ color **18.0550, 35.6632, 7.0307** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **27.3503, 13.4118, 36.7409**, and the grayscale version is **16.3599, 17.2119, 18.7438**.

A 20% lighter version of the original color is **39.8224, 68.7928, 20.6307**, and **8.2513, 16.5025, 2.7504** is the 20% darker color. If you saturate the color by 10%, you get **17.9231, 35.6029, 6.7244**, and if you desaturate by 10%, it is **18.6274, 35.9301, 8.3794**.

Distribution



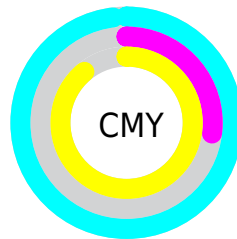
- Red (2%)
- Green (73%)
- Blue (11%)



- Red (2%)
- Yellow (65%)
- Blue (73%)



- Cyan (97%)
- Magenta (0%)
- Yellow (85%)
- Black (27%)





- Cyan (98%)
- Magenta (27%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.0550, 35.6632, 7.0307 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 18.0550, 35.6632, 7.0307 by changing the saturation by 10% instead.


 18.0550, 35.6632,
7.0307


 18.0550, 35.6632,
7.0307


234.2205,
327.4861, 177.5592


 11.0894, 24.1742,
3.4026


 39.6604, 68.5119,
20.5489


 6.1947, 15.4629,
1.3037


 55.0309, 90.6404,
31.2760


 3.0056, 9.1449,
0.0648


 73.9337, 117.0842,
45.2065

 1.1567, 4.8358,
0.0000

 96.7342, 148.2276,
62.7590

 0.0718, 2.1513,
0.0000

 123.7978,
184.4551, 84.3519

 0.0000, 0.6932,
0.0000

 155.4898,

 0.0000, 0.0000,

226.1511, 110.4039

0.0000

192.1756,
273.7000, 141.3335

■ 18.0550, 35.6632,
7.0307

■ 18.0550, 35.6632,
7.0307

■ 17.9231, 35.6029,
6.7244

■ 18.6274, 35.9301,
8.3794

■ 19.6227, 36.3998,
10.3870

■ 21.1136, 37.1093,
13.1246

■ 23.1548, 38.0856,
16.6534

■ 25.7935, 39.3518,
21.0282

■ 29.0720, 40.9287,
26.2987

■ 33.0286, 42.8350,
32.5110

■ 37.6987, 45.0880,
39.7080

■ 43.1150, 47.7039,
47.9297

Harmonies

Analogous

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



26.6402, 35.6632, 2.2537



18.0550, 35.6632, 7.0307



14.2505, 35.6632, 24.7542

Triad

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



18.0550, 35.6632, 7.0307



28.5384, 35.6632, 167.2949



65.4341, 35.6632, 20.4156

Complementary

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



18.0550, 35.6632, 7.0307



27.3503, 13.4118, 36.7409

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.



66.3430, 35.6632, 57.4328



18.0550, 35.6632, 7.0307



42.3643, 35.6632, 162.9087

Square

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



18.0550, 35.6632, 7.0307



19.1230, 35.6632, 124.2238



57.0334, 35.6632, 114.5716



54.8076, 35.6632, 5.6682

Rectangle

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



18.0550, 35.6632, 7.0307



14.0271, 35.6632, 49.4005



57.0334, 35.6632, 114.5716



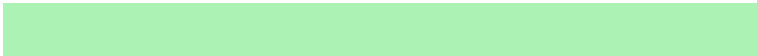
66.9712, 35.6632, 29.8883

Sweetspot

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



18.0558, 35.6647, 7.0315



57.1327, 75.7409, 55.0775



33.5059, 43.6499, 6.8316



11.9105, 16.3561, 11.0757



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



18.0558, 35.6647, 7.0315



32.0541, 63.7442, 11.8068



21.0935, 36.8797, 23.0275



9.4547, 10.6680, 10.3781



12.3634, 24.5356, 4.7105



0.5000, 0.9674, 0.2672

Inverse Universe

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



27.3503, 13.4118, 36.7409



48.6876, 23.7150, 64.8234



21.8426, 11.2087, 7.7379



9.8787, 9.6758, 11.7500



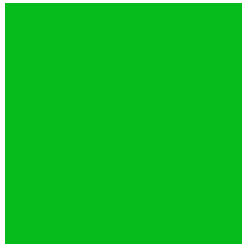
18.7713, 9.1397, 25.1528



0.7495, 0.3637, 1.0603

Previews

White Background



This preview shows how the XYZ color 18.0550, 35.6632, 7.0307 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 18.0550, 35.6632, 7.0307 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 18.0550, 35.6632, 7.0307

Background



This preview shows how black text looks on a background with the XYZ color 18.0550, 35.6632, 7.0307.



This preview shows how white text looks on a background with the XYZ color 18.0550, 35.6632,

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

18.0550, 35.6632, 7.0307

Protanopia

31.5195, 34.8954, 5.7361

Deuteranopia

35.5812, 34.9492, 7.6669



Tritanopia

27.3550, 35.5226, 52.9917

Trichromacy



Original Color

18.0550, 35.6632, 7.0307



Protanomaly

21.8655, 32.5932, 5.9493



Deuteranomaly

22.9086, 31.7375, 7.0164



Tritanomaly

21.5655, 34.5820, 26.6575

Monochromacy



Original Color

18.0550, 35.6632, 7.0307



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

13.9879, 21.1701, 11.5326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0550, 35.6632, 7.0307 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(6, 187, 28)` looks like.

```
.text, #text, p{  
    color:rgb(6, 187, 28)  
}
```

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(6, 187, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 187, 28) }
```

Border

The CSS property to change the border of an element to XYZ 18.0550, 35.6632, 7.0307 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(6, 187, 28) }
```


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

```
.border{ border-color:rgb(6, 187, 28) }
```

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

Here you see how a box with a 4 pixel rgb(6, 187, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 187, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 187, 28);  
box-shadow:4px 4px 4px 4px rgb(6, 187, 28)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.0550, 35.6632, 7.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 187, 28) }
```

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

```
.background{ background-color: rgb(6, 187,  
28) }
```

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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