

Converting Colors

XYZ(19.4246, 34.5582, 5.6466)

Have a look what the booklet for
XYZ(19.4246, 34.5582, 5.6466)
contains.

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Color

**XYZ(19.4255, 34.5436,
5.6438)**

Conversions

Conversions Part 1

Format	Color
Hex	4BB500
RGB	75, 181, 0
RGB Percent	29%, 71%, 0%
CMY	0.7059, 0.2902, 0.9999
CMYK	0.59, 0.00, 1.00, 0.29
HSL	95°, 100%, 35%
HSV	95°, 100%, 71%
XYZ	19.4255, 34.5436, 5.6438
YIQ	128.6720, -5.0750, -78.7630

Conversions

Conversions Part 2

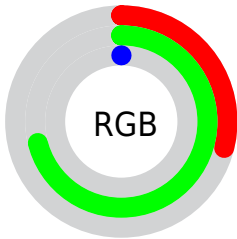
Format	Color
RYB	0, 181, 106
Decimal	4961536
CIELab	65.39, -56.31, 65.76
CIELCh	65, 86.573, 130.572
Yxy	34.5436, 0.3259, 0.5795
Android (android.graphics.Color)	4283151616 (0xFF4BB500)
YUV	128.6720, -63.4353, -47.0703
Hunter-Lab	58.7738, -43.8576, 35.4483

Details

The XYZ color **19.4255, 34.5436, 5.6438** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **14.2878, 6.4024, 44.2007**, and the grayscale version is **20.9691, 22.0611, 24.0245**.

A 20% lighter version of the original color is **42.0674, 66.9191, 17.7207**, and **7.5894, 15.1787, 2.5298** is the 20% darker color. If you saturate the color by 10%, you get **19.4253, 34.5446, 5.6439**, and if you desaturate by 10%, it is **20.4359, 35.0528, 6.2662**.

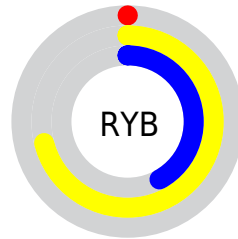
Distribution



Red (29%)

Green (71%)

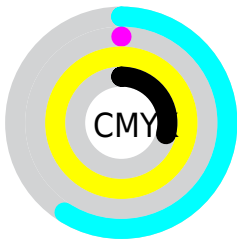
Blue (0%)



Red (0%)

Yellow (71%)

Blue (42%)

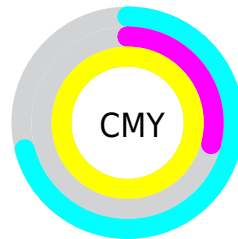


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (71%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4255, 34.5436, 5.6438 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 19.4255, 34.5436, 5.6438 by changing the saturation by 10% instead.


 19.4255, 34.5436,
5.6438


 19.4255, 34.5436,
5.6438


241.6811,
322.5492, 165.0428


 12.0840, 23.3115,
2.5645


 41.9632, 66.7781,
17.6517

 6.8735, 14.8237,
0.8740


 57.8901, 88.5494,
27.4173

 3.4287, 8.6957,
0.0000


 77.4094, 114.6024,
40.2488

 1.3843, 4.5433,
0.0000

 100.8867,
145.3217, 56.5647

 0.2450, 1.9819,
0.0000

 128.6871,
181.0917, 76.7835

 0.0000, 0.5969,
0.0000

 161.1760,

 0.0000, 0.0000,

222.2966, 101.3237

0.0000

198.7189,
269.3210, 130.6040

■ 19.4255, 34.5436,
5.6438

■ 19.4255, 34.5436,
5.6438

■ 19.4253, 34.5446,
5.6439

■ 20.4359, 35.0528,
6.2662

■ 21.6916, 35.6757,
7.4296

■ 23.2379, 36.4322,
9.3370

■ 25.0988, 37.3327,
12.0863

■ 27.2955, 38.3861,
15.7603

■ 29.8469, 39.6006,
20.4321

■ 32.7701, 40.9836,
26.1674

■ 36.0814, 42.5423,
33.0262

■ 39.7957, 44.2830,
41.0642

Harmonies

Analogous

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



28.5722, 34.5436, 2.2926



19.4255, 34.5436, 5.6438



14.8311, 34.5436, 18.8840

Triad

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



19.4255, 34.5436, 5.6438



25.3932, 34.5436, 148.8590



62.9910, 34.5436, 26.2319

Complementary

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



19.4255, 34.5436, 5.6438



14.2878, 6.4024, 44.2007

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.



61.5029, 34.5436, 65.8431



19.4255, 34.5436, 5.6438



37.4969, 34.5436, 155.9294

Square

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



19.4255, 34.5436, 5.6438



17.6144, 34.5436, 103.4829



51.3143, 34.5436, 119.1367



54.9724, 34.5436, 8.0738

Rectangle

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



19.4255, 34.5436, 5.6438



14.0318, 34.5436, 38.3109



51.3143, 34.5436, 119.1367



63.6283, 34.5436, 36.9219

Sweetspot

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



19.4263, 34.5451, 5.6446



58.4034, 73.2633, 46.2893



24.1693, 20.0488, 2.5965



12.1392, 15.6062, 9.0420



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.



19.4263, 34.5451, 5.6446



34.5442, 61.7398, 10.0963



16.6118, 33.0841, 5.9661



8.7114, 9.6563, 9.0572



13.4659, 23.8520, 3.8942



0.4907, 0.7850, 0.1257

Inverse Universe

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



14.2878, 6.4024, 44.2007



25.3212, 11.3280, 79.1466



25.9329, 12.5749, 37.0991



8.5029, 8.4678, 10.6926



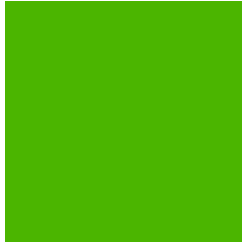
9.9288, 4.4543, 30.4734



0.3769, 0.1734, 0.9618

Previews

White Background



This preview shows how the XYZ color 19.4255, 34.5436, 5.6438 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 19.4255, 34.5436, 5.6438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

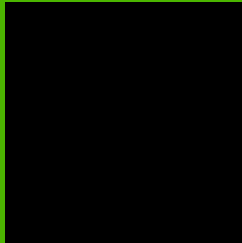
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 19.4255, 34.5436, 5.6438

Background



This preview shows how black text looks on a background with the XYZ color 19.4255, 34.5436, 5.6438.

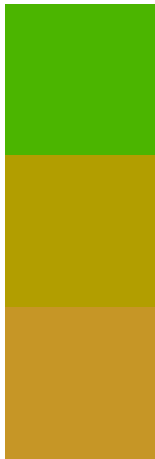


This preview shows how white text looks on a background with the XYZ color 19.4255, 34.5436,

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

19.4255, 34.5436, 5.6438

Protanopia

30.5870, 33.9187, 4.9349

Deuteranopia

34.5449, 33.9584, 6.5676



Tritanopia

28.1550, 34.3257, 49.3976

Trichromacy



Original Color

19.4255, 34.5436, 5.6438



Protanomaly

24.6207, 32.9352, 5.0595



Deuteranomaly

26.0466, 32.3280, 5.7313



Tritanomaly

22.6102, 33.4753, 21.7927

Monochromacy



Original Color

19.4255, 34.5436, 5.6438



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

18.4196, 25.0402, 11.8451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4255, 34.5436, 5.6438 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(75, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 181, 0)  
}
```

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(75, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.4255, 34.5436, 5.6438 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(75, 181, 0) }
```


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

```
.border{ border-color:rgb(75, 181, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 181, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 181, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.4255, 34.5436, 5.6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 181, 0) }
```

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

```
.background{ background-color: rgb(75, 181,  
0) }
```

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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