

Converting Colors

XYZ(34.9544, 61.3359, 38.0794)

Have a look what the booklet for
XYZ(34.9544, 61.3359, 38.0794)
contains.

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Color

**XYZ(35.0536, 61.5548,
38.0507)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB94
RGB	0, 235, 148
RGB Percent	0%, 92%, 58%
CMY	0.9999, 0.0784, 0.4196
CMYK	1.00, 0.00, 0.37, 0.08
HSL	158°, 100%, 46%
HSV	158°, 100%, 92%
XYZ	35.0536, 61.5548, 38.0507
YIQ	154.8170, -112.1330, -76.8770

Conversions

Conversions Part 2

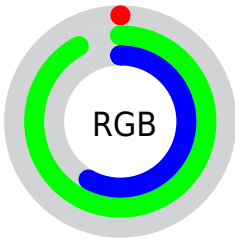
Format	Color
RYB	0, 144, 235
Decimal	60308
CIELab	82.68, -66.76, 29.26
CIELCh	83, 72.892, 156.336
Yxy	61.5548, 0.2603, 0.4571
Android (android.graphics.Color)	4278250388 (0xFF00EB94)
YUV	154.8170, -3.3608, -135.7745
Hunter-Lab	78.4569, -57.5478, 26.1648

Details

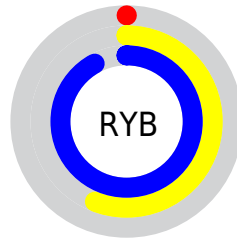
The XYZ color **35.0536, 61.5548, 38.0507** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **35.9836, 18.3517, 10.6669**, and the grayscale version is **31.1280, 32.7491, 35.6638**.

A 20% lighter version of the original color is **52.9699, 79.1468, 68.9850**, and **18.0317, 32.6853, 16.4249** is the 20% darker color. If you saturate the color by 10%, you get **35.0544, 61.5569, 38.0492**, and if you desaturate by 10%, it is **36.1353, 62.0315, 41.8344**.

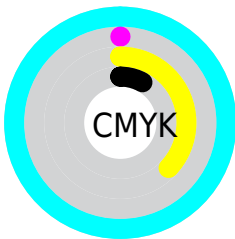
Distribution



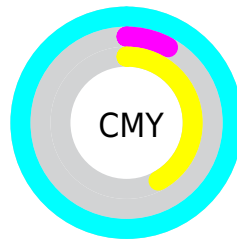
- Red (0%)
- Green (92%)
- Blue (58%)



- Red (0%)
- Yellow (56%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (8%)





- Cyan (100%)
- Magenta (8%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0536, 61.5548, 38.0507 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 35.0536, 61.5548, 38.0507 by changing the saturation by 10% instead.


 35.0536, 61.5548,
38.0507


 35.0536, 61.5548,
38.0507


316.3087,
430.3053, 353.1421


 23.8709, 44.6731,
25.7199


 66.9023, 107.0818,
73.3901


 15.3621, 31.2000,
16.3903


 88.2989, 136.4959,
97.2358


 9.1619, 20.7512,
9.6434


 113.8309,
170.8562, 125.7569

 4.9049, 12.9422,
5.0607

 143.8637,
210.5472, 159.3720

 2.2257, 7.3888,
2.2236

 178.7624,
255.9532, 198.4994

 0.7562, 3.7064,
0.6879

218.8926,

 0.0000, 1.5107,

307.4586, 243.5579

0.0000

264.6196,
365.4478, 294.9660

■ 0.0000, 0.2963,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.0536, 61.5548,
38.0507

■ 35.0536, 61.5548,
38.0507

■ 35.0544, 61.5569,
38.0492

■ 36.1353, 62.0315,
41.8344

■ 37.7111, 62.7551,
45.9159

■ 39.9232, 63.8005,
50.3087

■ 42.8547, 65.2105,
55.0221

■ 46.5756, 67.0210,
60.0646

■ 51.1472, 69.2634,
65.4443

■ 56.6245, 71.9660,
71.1686

■ 63.0578, 75.1546,
77.2447

■ 70.4935, 78.8532,
83.6796

Harmonies

Analogous

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



42.4317, 61.5548, 18.8222



35.0536, 61.5548, 38.0507



33.4128, 61.5548, 76.9860

Triad

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



35.0536, 61.5548, 38.0507



61.8886, 61.5548, 194.2786



86.2364, 61.5548, 27.8407

Complementary

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



35.0536, 61.5548, 38.0507



35.9836, 18.3517, 10.6669

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.



93.7837, 61.5548, 57.9584



35.0536, 61.5548, 38.0507



78.2000, 61.5548, 163.1261

Square

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



35.0536, 61.5548, 38.0507



47.2440, 61.5548, 180.9392



90.6075, 61.5548, 107.8872



71.4290, 61.5548, 15.0326

Rectangle

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



35.0536, 61.5548, 38.0507



35.4765, 61.5548, 112.9644



90.6075, 61.5548, 107.8872



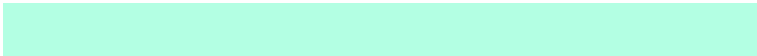
89.8165, 61.5548, 35.6091

Sweetspot

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



35.0552, 61.5573, 38.0521



68.0555, 86.5724, 85.5623



33.9354, 61.5975, 10.1015



13.9412, 18.2210, 17.6789



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.0552, 61.5573, 38.0521



42.1567, 74.0787, 45.6048



37.4520, 50.9101, 86.4530



15.2674, 17.0218, 18.0910



19.5723, 34.2834, 21.5106



1.5831, 2.7105, 1.9323

Inverse Universe

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



35.9836, 18.3517, 10.6669



43.2789, 22.0756, 12.6668



34.6643, 18.4668, 1.7380



15.2961, 15.1463, 16.8443



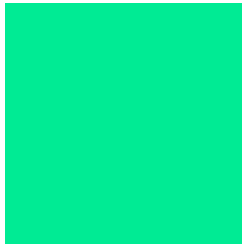
20.0819, 10.2354, 6.2325



1.6220, 0.8218, 0.7269

Previews

White Background



This preview shows how the XYZ color 35.0536, 61.5548, 38.0507 looks on a white background.

Color Contrast Check

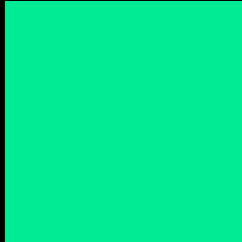
Large Text (above 18pt) WCAG AA × Fail

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 35.0536, 61.5548, 38.0507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

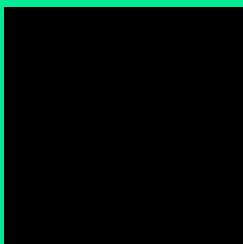
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

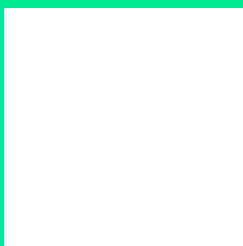
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0536, 61.5548, 38.0507

Background



This preview shows how black text looks on a background with the XYZ color 35.0536, 61.5548, 38.0507.



This preview shows how white text looks on a background with the XYZ color 35.0536, 61.5548,

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

35.0536, 61.5548, 38.0507

Protanopia

55.7848, 60.3072, 31.6219

Deuteranopia

61.4223, 60.2649, 40.2933



Tritanopia

46.3388, 61.6069, 93.4534

Trichromacy



Original Color

35.0536, 61.5548, 38.0507



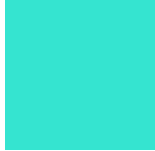
Protanomaly

40.0186, 56.1570, 33.5411



Deuteranomaly

41.8282, 55.1017, 39.0030



Tritanomaly

40.5968, 60.7978, 69.2700

Monochromacy



Original Color

35.0536, 61.5548, 38.0507



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

27.9536, 39.2006, 35.7989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0536, 61.5548, 38.0507 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, 235, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 148)  
}
```

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, 235, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.0536, 61.5548, 38.0507 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, 235, 148) }
```


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

```
.border{ border-color:rgb(0, 235, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 235, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0536, 61.5548, 38.0507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 148) }
```

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

```
.background{ background-color: rgb(0, 235,  
148) }
```

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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