

Converting Colors

XYZ(43.4291, 65.0826, 35.9335)

Have a look what the booklet for
XYZ(43.4291, 65.0826, 35.9335)
contains.

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Color

**XYZ(43.3815, 65.0561,
35.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	83E98E
RGB	131, 233, 142
RGB Percent	51%, 91%, 56%
CMY	0.4863, 0.0863, 0.4431
CMYK	0.44, 0.00, 0.39, 0.09
HSL	126°, 70%, 71%
HSV	126°, 44%, 91%
XYZ	43.3815, 65.0561, 35.8618
YIQ	192.1280, -31.5810, -49.9250

Conversions

Conversions Part 2

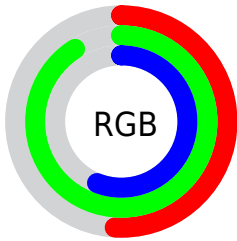
Format	Color
RYB	131, 223, 233
Decimal	8645006
CIELab	84.51, -48.28, 35.18
CIELCh	85, 59.733, 143.919
Yxy	65.0561, 0.3006, 0.4508
Android (android.graphics.Color)	4286835086 (0xFF83E98E)
YUV	192.1280, -24.7131, -53.6093
Hunter-Lab	80.6574, -45.1443, 30.0987

Details

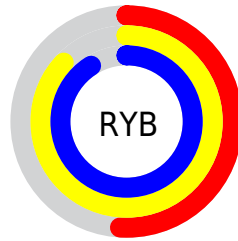
The XYZ color **43.3815, 65.0561, 35.8618** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **54.9075, 38.8315, 73.7109**, and the grayscale version is **50.3322, 52.9534, 57.6662**.

A 20% lighter version of the original color is **66.5771, 86.2426, 65.9608**, and **20.3916, 33.6383, 15.0910** is the 20% darker color. If you saturate the color by 10%, you get **38.7526, 62.8355, 28.2444**, and if you desaturate by 10%, it is **49.1162, 67.8168, 45.0530**.

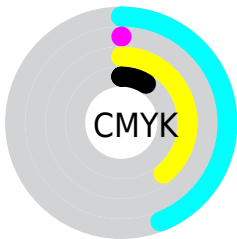
Distribution



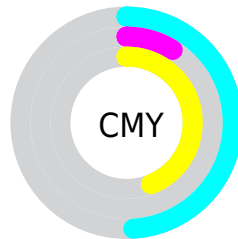
- Red (51%)
- Green (91%)
- Blue (56%)



- Red (51%)
- Yellow (87%)
- Blue (91%)



- Cyan (44%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)





- Cyan (49%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3815, 65.0561, 35.8618 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 43.3815, 65.0561, 35.8618 by changing the saturation by 10% instead.

 43.3815, 65.0561,
35.8618

 43.3815, 65.0561,
35.8618


351.0733,
442.9935, 343.3752


 30.3804, 47.5066,
24.0386


 79.5384, 112.1305,
69.9853

 20.2770, 33.4363,
15.1498


 103.4248,
142.4242, 93.1228

 12.7060, 22.4609,
8.7768


 131.6704,
177.7347, 120.8688

 7.3020, 14.1959,
4.5011

164.6406,
218.4464, 153.6418

 3.6997, 8.2571,
1.9041

202.7006,
264.9438, 191.8604

 1.5337, 4.2599,
0.4953

246.2158,

 0.3486, 1.8200,

317.6111, 235.9432

0.0000

295.5516,
376.8329, 286.3086

■ 0.0000, 0.4996,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3815, 65.0561,
35.8618

■ 43.3815, 65.0561,
35.8618

■ 38.7526, 62.8355,
28.2444

■ 49.1162, 67.8168,
45.0530

■ 35.1533, 61.1121,
22.1084


■ 56.0167, 71.1413,
55.8948

■ 32.5055, 59.8495,
17.3588


■ 64.1444, 75.0616,
68.4641


■ 30.7177, 59.0028,
13.8873

■ 73.5551, 79.6047,
82.8318

 29.6800, 58.5181,
11.5701

 84.3012, 84.7963,
99.0647

 29.3170, 58.3511,
10.6448

 88.4302, 86.7603,
106.6934

Harmonies

Analogous

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



52.0331, 65.0561, 22.7594



43.3815, 65.0561, 35.8618



39.7293, 65.0561, 63.3556

Triad

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



43.3815, 65.0561, 35.8618



59.1639, 65.0561, 171.4862



88.2836, 65.0561, 45.0942

Complementary

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



43.3815, 65.0561, 35.8618



54.9075, 38.8315, 73.7109

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.



90.9118, 65.0561, 78.8811



43.3815, 65.0561, 35.8618



72.7940, 65.0561, 161.1045

Square

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



43.3815, 65.0561, 35.8618



47.9615, 65.0561, 148.0544



84.8927, 65.0561, 123.3216



78.1523, 65.0561, 26.5969

Rectangle

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



43.3815, 65.0561, 35.8618



40.1830, 65.0561, 89.9561



84.8927, 65.0561, 123.3216



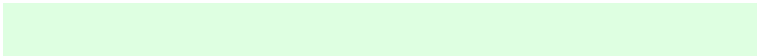
90.1291, 65.0561, 54.6359

Sweetspot

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



43.3831, 65.0588, 35.8633



79.4870, 92.4854, 85.2007



63.6081, 75.5759, 32.7084



16.5061, 19.5508, 17.4566



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.



43.3831, 65.0588, 35.8633



47.8178, 77.2355, 35.0980



48.0374, 66.9205, 60.3725



14.9344, 16.8886, 16.3372



16.6561, 33.1169, 6.1543



1.3300, 2.6093, 0.5994

Inverse Universe

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



54.9075, 38.8315, 73.7109



63.7297, 40.9734, 87.3185



49.1497, 36.5284, 43.3907



15.6407, 15.2841, 18.6594



25.5471, 12.4215, 35.0120



2.0261, 0.9834, 2.8550

Previews

White Background



This preview shows how the XYZ color 43.3815, 65.0561, 35.8618 looks on a white background.

Color Contrast Check

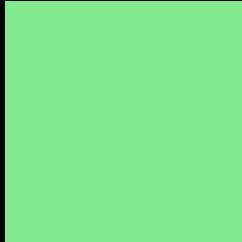
Large Text (above 18pt) WCAG AA × Fail

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 43.3815, 65.0561, 35.8618 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

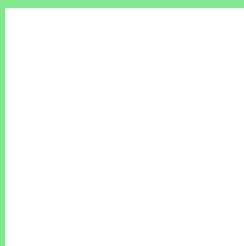
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3815, 65.0561, 35.8618

Background



This preview shows how black text looks on a background with the XYZ color 43.3815, 65.0561, 35.8618.



This preview shows how white text looks on a background with the XYZ color 43.3815, 65.0561,

35.8618.

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

43.3815, 65.0561, 35.8618

Protanopia

59.2751, 64.2806, 31.4736

Deuteranopia

65.3784, 64.0830, 37.3572



Tritanopia

54.3853, 64.6203, 91.2679

Trichromacy



Original Color

43.3815, 65.0561, 35.8618



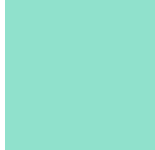
Protanomaly

51.5077, 63.2578, 32.7878



Deuteranomaly

54.4362, 62.7856, 36.4439



Tritanomaly

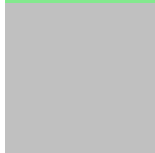
49.3259, 64.1394, 66.9071

Monochromacy



Original Color

43.3815, 65.0561, 35.8618



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

46.5304, 56.2277, 48.4450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3815, 65.0561, 35.8618 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(131, 233, 142)` looks like.

```
.text, #text, p{  
    color:rgb(131, 233, 142)  
}
```

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(131, 233, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 233, 142) }
```

Border

The CSS property to change the border of an element to XYZ 43.3815, 65.0561, 35.8618 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(131, 233, 142) }
```


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

```
.border{ border-color:rgb(131, 233, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 233, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 233, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 233, 142);  
box-shadow:4px 4px 4px 4px rgb(131, 233,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3815, 65.0561, 35.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 233, 142) }
```

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

```
.background{ background-color: rgb(131,  
233, 142) }
```

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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