

Converting Colors

XYZ(35.3628, 54.7353, 41.0489)

Have a look what the booklet for
XYZ(35.3628, 54.7353, 41.0489)
contains.

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Color

**XYZ(35.3628, 54.7353,
41.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	59DA9E
RGB	89, 218, 158
RGB Percent	35%, 85%, 62%
CMY	0.6510, 0.1451, 0.3804
CMYK	0.59, 0.00, 0.28, 0.15
HSL	152°, 64%, 60%
HSV	152°, 59%, 85%
XYZ	35.3628, 54.7353, 41.0489
YIQ	172.5890, -57.6240, -46.0080

Conversions

Conversions Part 2

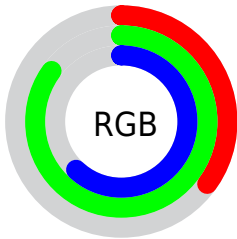
Format	Color
RYB	89, 173, 218
Decimal	5888670
CIELab	78.89, -49.39, 19.12
CIELCh	79, 52.958, 158.836
Yxy	54.7353, 0.2696, 0.4174
Android (android.graphics.Color)	4284078750 (0xFF59DA9E)
YUV	172.5890, -7.1924, -73.3076
Hunter-Lab	73.9833, -44.1507, 18.8919

Details

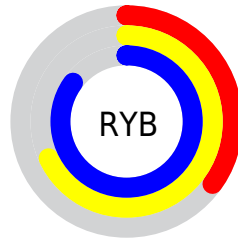
The XYZ color **35.3628, 54.7353, 41.0489** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **37.9125, 24.2214, 31.1129**, and the grayscale version is **39.5690, 41.6297, 45.3347**.

A 20% lighter version of the original color is **60.1647, 82.7137, 75.7451**, and **15.5218, 26.8813, 18.0062** is the 20% darker color. If you saturate the color by 10%, you get **32.7354, 53.4790, 36.5569**, and if you desaturate by 10%, it is **38.6844, 56.3440, 45.9518**.

Distribution



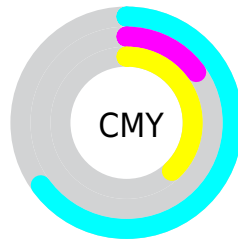
- Red (35%)
- Green (85%)
- Blue (62%)



- Red (35%)
- Yellow (68%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)





- Cyan (65%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3628, 54.7353, 41.0489 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 35.3628, 54.7353, 41.0489 by changing the saturation by 10% instead.


 35.3628, 54.7353,
41.0489


 35.3628, 54.7353,
41.0489


317.6469,
404.9078, 366.2076


 24.1103, 39.1898,
28.0373


 67.3777, 97.1530,
78.0126


 15.5406, 26.9074,
18.1145


 88.8709, 124.7941,
102.8018

 9.2885, 17.5037,
10.8619


 114.5083,
157.2358, 132.3539

 4.9884, 10.5943,
5.8611

 144.6554,
194.8625, 167.0875

 2.2752, 5.7947,
2.6934

179.6774,
238.0587, 207.4212

 0.7819, 2.7207,
0.9401

219.9397,

 0.0000, 0.9877,

287.2087, 253.7734

0.0000

265.8078,
342.6969, 306.5627

■ 0.0000, 0.0000,
0.0000

■ 35.3628, 54.7353,
41.0489

■ 35.3628, 54.7353,
41.0489

■ 32.7354, 53.4790,
36.5569

■ 38.6844, 56.3440,
45.9518

■ 30.7397, 52.5388,
32.4602

■ 42.7471, 58.3249,
51.2729

■ 29.3085, 51.8817,
28.7476

■ 47.5986, 60.7036,
57.0240

■ 28.3319, 51.4512,
25.4041

■ 53.2812, 63.5020,
63.2154

■ 28.2601, 51.4199,
25.1434

■ 59.8342, 66.7400,
69.8568

67.2941, 70.4363,
76.9575

75.6955, 74.6085,
84.5267

81.9104, 77.6440,
92.4254

83.4522, 78.2607,
100.5442

Harmonies

Analogous

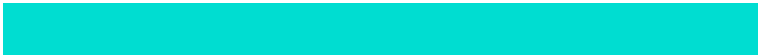
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.3528, 54.7353, 24.9274



35.3628, 54.7353, 41.0489



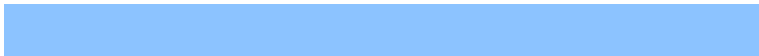
34.5015, 54.7353, 68.9367

Triad

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



35.3628, 54.7353, 41.0489



55.1905, 54.7353, 137.0289



69.4066, 54.7353, 30.1729

Complementary

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



35.3628, 54.7353, 41.0489



37.9125, 24.2214, 31.1129

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.



74.6567, 54.7353, 51.1422



35.3628, 54.7353, 41.0489



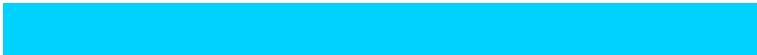
65.7536, 54.7353, 117.0020

Square

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



35.3628, 54.7353, 41.0489



45.0639, 54.7353, 131.5011



73.2368, 54.7353, 83.0301



59.6667, 54.7353, 20.2786

Rectangle

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



35.3628, 54.7353, 41.0489



36.2536, 54.7353, 92.0956



73.2368, 54.7353, 83.0301



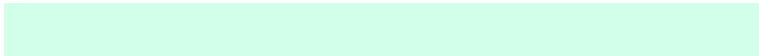
71.8109, 54.7353, 35.8151

Sweetspot

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



35.3643, 54.7375, 41.0502



76.8839, 91.0104, 91.0935



39.3073, 57.2748, 18.4353



15.9121, 19.2115, 18.9247



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.



35.3643, 54.7375, 41.0502



45.9107, 75.9061, 50.6541



40.7472, 55.1295, 74.8258



13.1762, 14.7221, 15.3908



16.9850, 30.8266, 15.3521



1.1438, 2.0144, 1.2230

Inverse Universe

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



37.9125, 24.2214, 31.1129



49.8709, 28.6251, 35.3174



34.6589, 23.5094, 12.1629



13.3068, 13.1518, 14.8768



18.7944, 9.5188, 8.5633



1.2608, 0.6340, 0.7825

Previews

White Background



This preview shows how the XYZ color 35.3628, 54.7353, 41.0489 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 35.3628, 54.7353, 41.0489 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

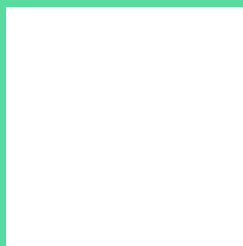
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3628, 54.7353, 41.0489

Background



This preview shows how black text looks on a background with the XYZ color 35.3628, 54.7353, 41.0489.

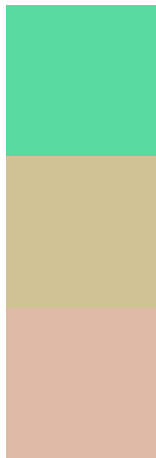


This preview shows how white text looks on a background with the XYZ color 35.3628, 54.7353,

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

35.3628, 54.7353, 41.0489

Protanopia

50.2904, 53.9556, 35.3676

Deuteranopia

54.7819, 53.5224, 43.0409



Tritanopia

43.0835, 54.4714, 80.1948

Trichromacy



Original Color

35.3628, 54.7353, 41.0489



Protanomaly

42.2517, 52.8388, 37.2502



Deuteranomaly

44.1712, 51.9955, 41.8905



Tritanomaly

39.6796, 54.1876, 63.6263

Monochromacy



Original Color

35.3628, 54.7353, 41.0489



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

36.4208, 44.9731, 43.8069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3628, 54.7353, 41.0489 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(89, 218, 158)` looks like.

```
.text, #text, p{  
    color:rgb(89, 218, 158)  
}
```

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(89, 218, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 218, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.3628, 54.7353, 41.0489 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(89, 218, 158) }
```


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

```
.border{ border-color:rgb(89, 218, 158) }
```

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

Here you see how a box with a 4 pixel rgb(89, 218, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 218, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 218, 158);  
box-shadow:4px 4px 4px 4px rgb(89, 218,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3628, 54.7353, 41.0489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 218, 158) }
```

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

```
.background{ background-color: rgb(89, 218,  
158) }
```

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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