

Converting Colors

XYZ(34.8763, 54.3483, 47.1802)

Have a look what the booklet for
XYZ(34.8763, 54.3483, 47.1802)
contains.

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Color

**XYZ(34.8763, 54.3483,
47.1802)**

Conversions

Conversions Part 1

Format	Color
Hex	45DAAB
RGB	69, 218, 171
RGB Percent	27%, 85%, 67%
CMY	0.7294, 0.1451, 0.3294
CMYK	0.68, 0.00, 0.22, 0.15
HSL	161°, 67%, 56%
HSV	161°, 68%, 85%
XYZ	34.8763, 54.3483, 47.1802
YIQ	168.0910, -73.7170, -46.2050

Conversions

Conversions Part 2

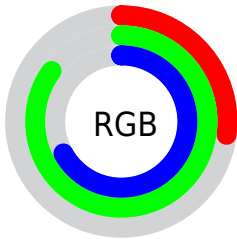
Format	Color
RYB	69, 157, 218
Decimal	4577963
CIELab	78.66, -50.08, 11.87
CIELCh	79, 51.464, 166.664
Yxy	54.3483, 0.2557, 0.3984
Android (android.graphics.Color)	4282768043 (0xFF45DAAB)
YUV	168.0910, 1.4341, -86.9028
Hunter-Lab	73.7213, -44.5669, 13.6605

Details

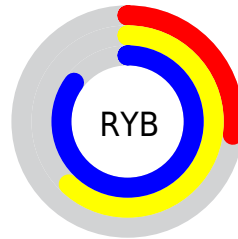
The XYZ color **34.8763, 54.3483, 47.1802** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **34.1957, 20.4239, 18.6648**, and the grayscale version is **37.2846, 39.2263, 42.7175**.

A 20% lighter version of the original color is **59.3190, 82.0793, 84.6680**, and **16.2501, 27.1726, 21.8411** is the 20% darker color. If you saturate the color by 10%, you get **32.9662, 53.4388, 43.7584**, and if you desaturate by 10%, it is **37.3912, 55.5685, 50.8108**.

Distribution



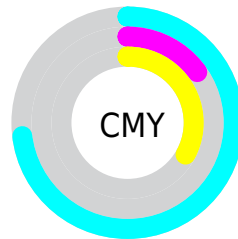
- Red (27%)
- Green (85%)
- Blue (67%)



- Red (27%)
- Yellow (62%)
- Blue (85%)



- Cyan (68%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)





- Cyan (73%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8763, 54.3483, 47.1802 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 34.8763, 54.3483, 47.1802 by changing the saturation by 10% instead.


 34.8763, 54.3483,
47.1802


 34.8763, 54.3483,
47.1802


315.5396,
403.4368, 391.9479


 23.7337, 38.8802,
32.8228


 66.6294, 96.5855,
87.3353


 15.2598, 26.6665,
21.7207


 87.9705, 124.1233,
113.9701

 9.0895, 17.3229,
13.4555


 113.4419,
156.4532, 145.5344

 4.8572, 10.4650,
7.6085

 143.4089,
193.9595, 182.4468

 2.1976, 5.7083,
3.7613

178.2368,
237.0266, 225.1258

 0.7415, 2.6686,
1.4953

218.2909,

 0.0000, 0.9613,

286.0389, 273.9900

0.2145

263.9368,
341.3808, 329.4578

■ 0.0000, 0.0000,
0.0000

■ 34.8763, 54.3483,
47.1802

■ 34.8763, 54.3483,
47.1802

■ 32.9662, 53.4388,
43.7584

■ 37.3912, 55.5685,
50.8108

■ 31.5903, 52.7994,
40.5358

■ 40.5629, 57.1218,
54.6516


■ 30.6524, 52.3820,
37.5063


■ 44.4424, 59.0360,
58.7088


■ 30.5159, 52.3222,
37.0229

■ 49.0745, 61.3340,
62.9869

■ 54.5001, 64.0369,
67.4904

 60.7571, 67.1643,
72.2235

 67.8810, 70.7342,
77.1901

 75.9051, 74.7639,
82.3942

 81.0052, 77.2819,
87.6590

Harmonies

Analogous

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



38.7043, 54.3483, 28.4731



34.8763, 54.3483, 47.1802



35.1029, 54.3483, 76.7230

Triad

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



34.8763, 54.3483, 47.1802



57.4664, 54.3483, 130.6336



66.2649, 54.3483, 27.0851

Complementary

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



34.8763, 54.3483, 47.1802



34.1957, 20.4239, 18.6648

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.



72.7351, 54.3483, 44.5319



34.8763, 54.3483, 47.1802



67.2169, 54.3483, 106.5053

Square

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



34.8763, 54.3483, 47.1802



47.2777, 54.3483, 132.0651



73.1047, 54.3483, 73.0502



56.2975, 54.3483, 19.7103

Rectangle

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



34.8763, 54.3483, 47.1802



37.5104, 54.3483, 99.2896



73.1047, 54.3483, 73.0502



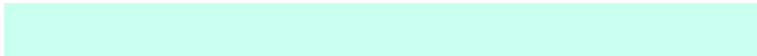
68.9750, 54.3483, 31.6492

Sweetspot

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



34.8778, 54.3504, 47.1815



75.4170, 90.1793, 94.4033



33.3741, 54.3003, 14.3530



15.6757, 19.0696, 19.8217



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.



34.8778, 54.3504, 47.1815



46.0718, 75.7744, 60.3642



33.6726, 43.4528, 72.9447



13.2609, 14.7560, 15.8371



18.3322, 31.3655, 22.4467



1.2260, 2.0473, 1.6562

Inverse Universe

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



34.1957, 20.4239, 18.6648



45.1300, 24.3729, 17.6144



34.2011, 23.7602, 8.4145



13.2244, 13.1189, 14.4430



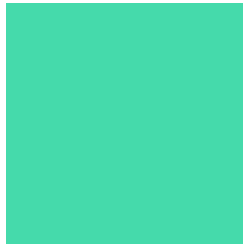
18.0046, 9.2029, 4.4041



1.2048, 0.6115, 0.4873

Previews

White Background



This preview shows how the XYZ color 34.8763, 54.3483, 47.1802 looks on a white background.

Color Contrast Check

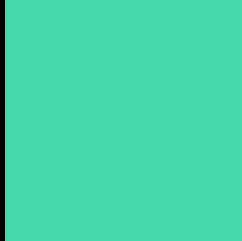
Large Text (above 18pt) WCAG AA × Fail

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 34.8763, 54.3483, 47.1802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

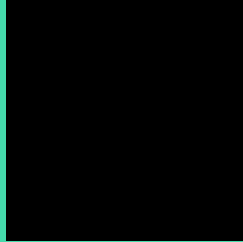
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

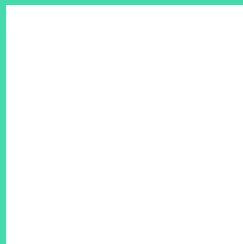
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8763, 54.3483, 47.1802

Background



This preview shows how black text looks on a background with the XYZ color 34.8763, 54.3483, 47.1802.



This preview shows how white text looks on a background with the XYZ color 34.8763, 54.3483,

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

34.8763, 54.3483, 47.1802

Protanopia

50.1434, 53.4459, 40.0210

Deuteranopia

54.2101, 53.0839, 49.5085



Tritanopia

41.4259, 53.9664, 80.9062

Trichromacy



Original Color

34.8763, 54.3483, 47.1802



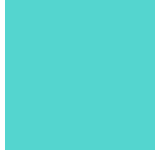
Protanomaly

41.2490, 51.8540, 42.4851



Deuteranomaly

43.0362, 51.2698, 48.1853



Tritanomaly

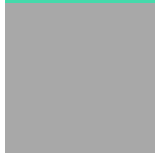
38.7129, 53.9783, 67.4100

Monochromacy



Original Color

34.8763, 54.3483, 47.1802



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

34.2361, 42.8879, 44.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8763, 54.3483, 47.1802 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(69, 218, 171)` looks like.

```
.text, #text, p{  
    color:rgb(69, 218, 171)  
}
```

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(69, 218, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 218, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.8763, 54.3483, 47.1802 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(69, 218, 171) }
```


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

```
.border{ border-color:rgb(69, 218, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 218, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 218, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 218, 171);  
box-shadow:4px 4px 4px 4px rgb(69, 218,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8763, 54.3483, 47.1802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 218, 171) }
```

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

```
.background{ background-color: rgb(69, 218,  
171) }
```

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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