

Converting Colors

XYZ(34.1416, 53.5183, 46.2936)

Have a look what the booklet for
XYZ(34.1416, 53.5183, 46.2936)
contains.

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Color

**XYZ(34.1543, 53.6141,
46.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	41D9A9
RGB	65, 217, 169
RGB Percent	25%, 85%, 66%
CMY	0.7451, 0.1490, 0.3372
CMYK	0.70, 0.00, 0.22, 0.15
HSL	161°, 67%, 55%
HSV	161°, 70%, 85%
XYZ	34.1543, 53.6141, 46.0846
YIQ	166.0800, -75.1840, -47.1520

Conversions

Conversions Part 2

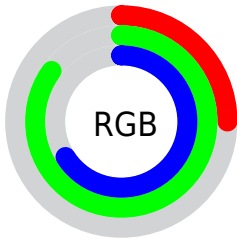
Format	Color
RYB	65, 155, 217
Decimal	4315561
CIELab	78.24, -50.72, 12.31
CIELCh	78, 52.192, 166.354
Yxy	53.6141, 0.2552, 0.4005
Android (android.graphics.Color)	4282505641 (0xFF41D9A9)
YUV	166.0800, 1.4396, -88.6472
Hunter-Lab	73.2216, -44.8764, 13.9389

Details

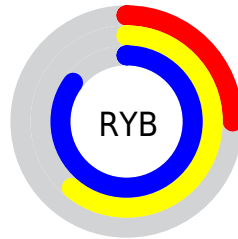
The XYZ color **34.1543, 53.6141, 46.0846** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **33.4880, 19.7260, 17.6675**, and the grayscale version is **36.3051, 38.1957, 41.5952**.

A 20% lighter version of the original color is **58.5746, 81.7271, 83.2087**, and **15.9558, 26.7741, 21.1566** is the 20% darker color. If you saturate the color by 10%, you get **32.3577, 52.7617, 42.7304**, and if you desaturate by 10%, it is **36.5390, 54.7685, 49.6447**.

Distribution



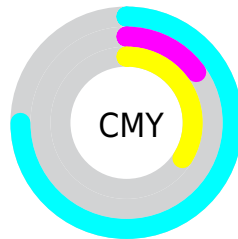
- Red (25%)
- Green (85%)
- Blue (66%)



- Red (25%)
- Yellow (61%)
- Blue (85%)



- Cyan (70%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)





- Cyan (75%)
- Magenta (15%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1543, 53.6141, 46.0846 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 34.1543, 53.6141, 46.0846 by changing the saturation by 10% instead.


 34.1543, 53.6141,
46.0846


 34.1543, 53.6141,
46.0846


312.3933,
400.6367, 387.4361


 23.1756, 38.2932,
31.9634


 65.5162, 95.5074,
85.6812


 14.8446, 26.2104,
21.0690


 86.6302, 122.8486,
111.9937

 8.7960, 16.9811,
12.9827


 111.8533,
154.9654, 143.2071

 4.6644, 10.2210,
7.2860

 141.5509,
192.2422, 179.7400

 2.0845, 5.5457,
3.5605

176.0884,
235.0633, 222.0107

 0.6807, 2.5709,
1.3875

215.8310,

 0.0000, 0.9120,

283.8132, 270.4380

0.1319

261.1442,
338.8762, 325.4403

■ 0.0000, 0.0000,
0.0000

■ 34.1543, 53.6141,
46.0846

■ 34.1543, 53.6141,
46.0846

■ 32.3577, 52.7617,
42.7304

■ 36.5390, 54.7685,
49.6447

■ 31.0773, 52.1702,
39.5727

■ 39.5646, 56.2480,
53.4123


■ 30.1966, 51.7807,
36.6167


■ 43.2825, 58.0804,
57.3935


■ 47.7377, 60.2888,
61.5930

■ 52.9713, 62.8944,
66.0151

 59.0212, 65.9166,
70.6639

 65.9228, 69.3736,
75.5436

 73.7095, 73.2827,
80.6579

 80.4324, 76.6390,
85.9179

Harmonies

Analogous

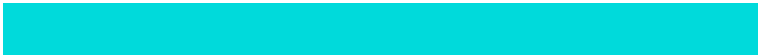
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.0252, 53.6141, 27.5207



34.1543, 53.6141, 46.0846



34.3386, 53.6141, 75.6922

Triad

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



34.1543, 53.6141, 46.0846



56.6919, 53.6141, 130.7047



65.7543, 53.6141, 26.3980

Complementary

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



34.1543, 53.6141, 46.0846



33.4880, 19.7260, 17.6675

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.



72.2263, 53.6141, 43.9263



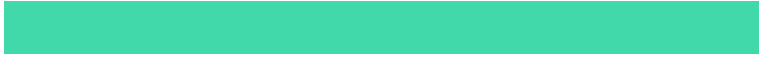
34.1543, 53.6141, 46.0846



66.5351, 53.6141, 106.4500

Square

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



34.1543, 53.6141, 46.0846



46.4633, 53.6141, 131.8856



72.5298, 53.6141, 72.6804



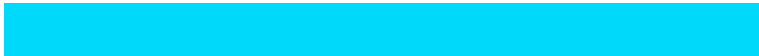
55.7349, 53.6141, 18.9979

Rectangle

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



34.1543, 53.6141, 46.0846



36.7192, 53.6141, 98.4761



72.5298, 53.6141, 72.6804



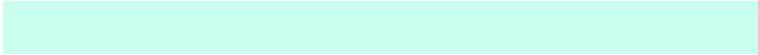
68.4722, 53.6141, 30.9764

Sweetspot

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



34.1558, 53.6162, 46.0858



75.4142, 90.1782, 94.3886



32.5960, 53.5292, 13.6161



15.6751, 19.0693, 19.8182



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.



34.1558, 53.6162, 46.0858



45.6741, 75.5904, 59.3961



32.9324, 42.5883, 72.1327



13.2607, 14.7559, 15.8360



18.3285, 31.3640, 22.4273



1.2258, 2.0473, 1.6550

Inverse Universe

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



33.4880, 19.7260, 17.6675



44.7566, 23.9243, 16.5709



33.4738, 22.9403, 7.6656



13.2246, 13.1189, 14.4440



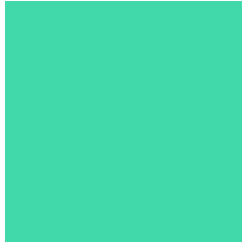
18.0060, 9.2035, 4.4118



1.2049, 0.6116, 0.4879

Previews

White Background



This preview shows how the XYZ color 34.1543, 53.6141, 46.0846 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 34.1543, 53.6141, 46.0846 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

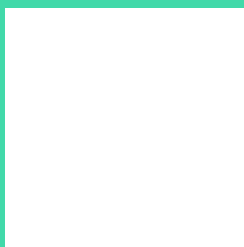
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1543, 53.6141, 46.0846

Background



This preview shows how black text looks on a background with the XYZ color 34.1543, 53.6141, 46.0846.

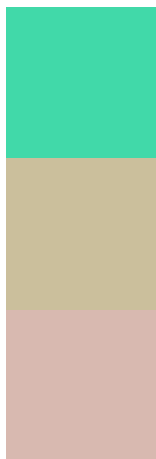


This preview shows how white text looks on a background with the XYZ color 34.1543, 53.6141,

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

34.1543, 53.6141, 46.0846

Protanopia

49.2602, 52.3584, 38.9624

Deuteranopia

53.5043, 52.4314, 48.3746



Tritanopia

40.8423, 53.3161, 80.0899

Trichromacy



Original Color

34.1543, 53.6141, 46.0846



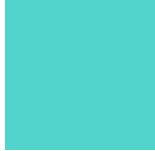
Protanomaly

40.2242, 50.6541, 41.3754



Deuteranomaly

42.2070, 50.5267, 47.0632



Tritanomaly

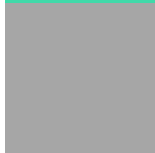
38.0426, 53.2886, 66.0383

Monochromacy



Original Color

34.1543, 53.6141, 46.0846



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

33.3773, 42.1551, 42.9368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1543, 53.6141, 46.0846 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(65, 217, 169)` looks like.

```
.text, #text, p{  
    color:rgb(65, 217, 169)  
}
```

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(65, 217, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 217, 169) }
```

Border

The CSS property to change the border of an element to XYZ 34.1543, 53.6141, 46.0846 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(65, 217, 169) }
```


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

```
.border{ border-color:rgb(65, 217, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 217, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 217, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 217, 169);  
box-shadow:4px 4px 4px 4px rgb(65, 217,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1543, 53.6141, 46.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 217, 169) }
```

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

```
.background{ background-color: rgb(65, 217,  
169) }
```

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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