

Converting Colors

XYZ(35.0942, 57.9469, 47.5044)

Have a look what the booklet for
XYZ(35.0942, 57.9469, 47.5044)
contains.

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Color

**XYZ(35.1257, 58.0471,
47.3831)**

Conversions

Conversions Part 1

Format	Color
Hex	19E3AA
RGB	25, 227, 170
RGB Percent	10%, 89%, 67%
CMY	0.9019, 0.1098, 0.3333
CMYK	0.89, 0.00, 0.25, 0.11
HSL	163°, 80%, 49%
HSV	163°, 89%, 89%
XYZ	35.1257, 58.0471, 47.3831
YIQ	160.1040, -102.0950, -60.5510

Conversions

Conversions Part 2

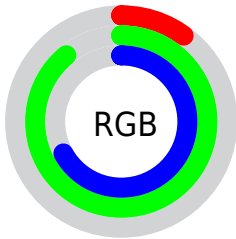
Format	Color
R_{YB}	25, 143, 227
Decimal	1696682
CIE _{Lab}	80.76, -58.28, 15.28
CIE _{LCh}	81, 60.248, 165.312
Yxy	58.0471, 0.2499, 0.4130
Android (android.graphics.Color)	4279886762 (0xFF19E3AA)
YUV	160.1040, 4.8787, -118.4862
Hunter-Lab	76.1886, -51.0352, 16.4585

Details

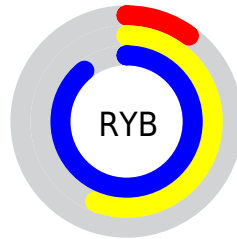
The XYZ color **35.1257, 58.0471, 47.3831** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **33.5514, 17.6369, 9.6222**, and the grayscale version is **33.4765, 35.2199, 38.3545**.

A 20% lighter version of the original color is **56.2900, 80.5337, 83.8119**, and **17.6447, 30.0575, 22.0112** is the 20% darker color. If you saturate the color by 10%, you get **34.1635, 57.6208, 44.2522**, and if you desaturate by 10%, it is **36.5526, 58.7124, 50.6925**.

Distribution



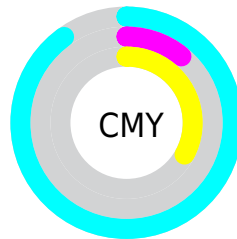
- Red (10%)
- Green (89%)
- Blue (67%)



- Red (10%)
- Yellow (56%)
- Blue (89%)



- Cyan (89%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)





- Cyan (90%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1257, 58.0471, 47.3831 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 35.1257, 58.0471, 47.3831 by changing the saturation by 10% instead.

 35.1257, 58.0471,
47.3831


 35.1257, 58.0471,
47.3831


316.6211,
417.3614, 392.7796

 23.9267, 41.8465,
32.9821


 67.0132, 101.9914,
87.6412

 15.4037, 28.9811,
21.8417


 88.4324, 130.5040,
114.3353


 9.1913, 19.0665,
13.5434


 113.9890,
163.8893, 145.9642

 4.9243, 11.7184,
7.6687

 144.0484,
202.5318, 182.9465

 2.2372, 6.5522,
3.7990

 178.9760,
246.8159, 225.7006

 0.7622, 3.1837,
1.5157

219.1371,

 0.0000, 1.2284,

297.1259, 274.6451

0.2296

264.8970,
353.8463, 330.1986

■ 0.0000, 0.0847,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.1257, 58.0471,
47.3831

■ 35.1257, 58.0471,
47.3831

■ 34.1635, 57.6208,
44.2522


■ 36.5526, 58.7124,
50.6925


■ 34.0757, 57.5824,
43.9417


■ 38.5540, 59.6690,
54.1837


■ 41.2055, 60.9571,
57.8638


■ 44.5697, 62.6092,
61.7377

 48.7019, 64.6536,
65.8100

 53.6514, 67.1157,
70.0849

 59.4637, 70.0189,
74.5665

 66.1807, 73.3847,
79.2588

 73.8414, 77.2333,
84.1653

Harmonies

Analogous

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



39.8601, 58.0471, 26.2440



35.1257, 58.0471, 47.3831



35.1756, 58.0471, 83.0647

Triad

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



35.1257, 58.0471, 47.3831



61.7297, 58.0471, 154.9188



73.7515, 58.0471, 25.9515

Complementary

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



35.1257, 58.0471, 47.3831



33.5514, 17.6369, 9.6222

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.



81.5939, 58.0471, 46.7909



35.1257, 58.0471, 47.3831



73.9752, 58.0471, 124.6205

Square

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



35.1257, 58.0471, 47.3831



49.3292, 58.0471, 155.2700



81.6815, 58.0471, 82.2031



61.4589, 58.0471, 17.4116

Rectangle

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



35.1257, 58.0471, 47.3831



37.8715, 58.0471, 111.6193



81.6815, 58.0471, 82.2031



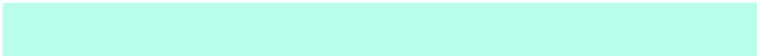
77.0719, 58.0471, 31.3111

Sweetspot

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



35.1273, 58.0494, 47.3845



71.1241, 88.0091, 92.2687



31.1469, 56.8153, 10.2455



14.7082, 18.5807, 19.3300



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.



35.1273, 58.0494, 47.3845



44.3112, 74.9405, 56.9499



31.2499, 39.7191, 78.6952



14.6249, 16.2634, 17.5554



19.9247, 33.6020, 25.9014



1.5116, 2.4988, 2.1208

Inverse Universe

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



33.5514, 17.6369, 9.6222



42.4085, 21.7274, 8.0830



33.9700, 20.6310, 3.1124



14.5433, 14.4345, 15.7957



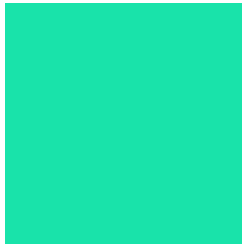
19.0589, 9.7578, 3.9390



1.4472, 0.7366, 0.4955

Previews

White Background



This preview shows how the XYZ color 35.1257, 58.0471, 47.3831 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 35.1257, 58.0471, 47.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

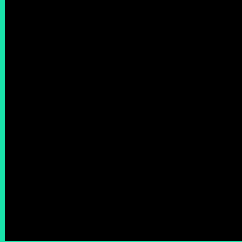
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

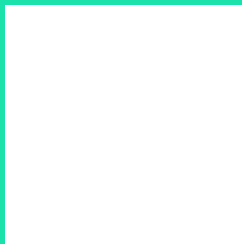
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1257, 58.0471, 47.3831

Background



This preview shows how black text looks on a background with the XYZ color 35.1257, 58.0471, 47.3831.

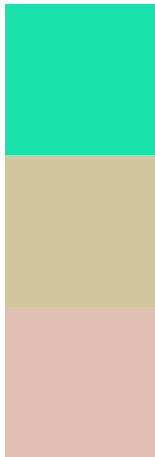


This preview shows how white text looks on a background with the XYZ color 35.1257, 58.0471,

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

35.1257, 58.0471, 47.3831

Protanopia

53.0588, 56.6374, 39.5881

Deuteranopia

57.7180, 56.4835, 49.9798



Tritanopia

43.1922, 57.7354, 88.2245

Trichromacy



Original Color

35.1257, 58.0471, 47.3831



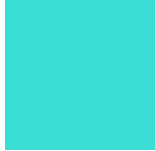
Protanomaly

40.5612, 54.0138, 42.0061



Deuteranomaly

42.2796, 52.9563, 48.5507



Tritanomaly

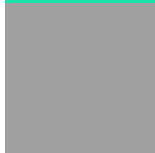
39.4275, 57.3362, 71.2763

Monochromacy



Original Color

35.1257, 58.0471, 47.3831



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

30.3969, 40.3408, 41.3064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1257, 58.0471, 47.3831 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(25, 227, 170)` looks like.

```
.text, #text, p{  
    color:rgb(25, 227, 170)  
}
```

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(25, 227, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 227, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.1257, 58.0471, 47.3831 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(25, 227, 170) }
```


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

```
.border{ border-color:rgb(25, 227, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 227, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 227, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 227, 170);  
box-shadow:4px 4px 4px 4px rgb(25, 227,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1257, 58.0471, 47.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 227, 170) }
```

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

```
.background{ background-color: rgb(25, 227,  
170) }
```

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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