

Converting Colors

XYZ(36.3768, 51.5816, 56.0167)

Have a look what the booklet for
XYZ(36.3768, 51.5816, 56.0167)
contains.

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Color

**XYZ(36.3994, 51.5504,
56.1759)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD1BD
RGB	92, 209, 189
RGB Percent	36%, 82%, 74%
CMY	0.6392, 0.1804, 0.2588
CMYK	0.56, 0.00, 0.10, 0.18
HSL	170°, 56%, 59%
HSV	170°, 56%, 82%
XYZ	36.3994, 51.5504, 56.1759
YIQ	171.7370, -63.3120, -31.0240

Conversions

Conversions Part 2

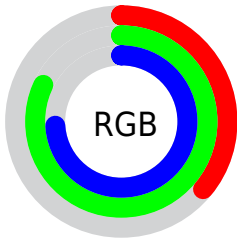
Format	Color
R_{YB}	92, 156, 209
Decimal	6083005
CIE _{Lab}	77.01, -37.81, -0.04
CIE _{LCh}	77, 37.814, 180.067
Yxy	51.5504, 0.2526, 0.3577
Android (android.graphics.Color)	4284273085 (0xFF5CD1BD)
YUV	171.7370, 8.5107, -69.9293
Hunter-Lab	71.7986, -35.1543, 3.8700

Details

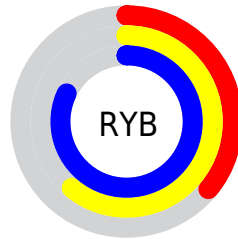
The XYZ color **36.3994, 51.5504, 56.1759** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **33.0480, 22.3808, 17.9091**, and the grayscale version is **39.0624, 41.0967, 44.7543**.

A 20% lighter version of the original color is **65.0039, 84.6919, 99.3073**, and **16.1806, 24.9821, 27.2618** is the 20% darker color. If you saturate the color by 10%, you get **34.2098, 50.4671, 54.0746**, and if you desaturate by 10%, it is **39.1774, 52.9384, 58.3569**.

Distribution



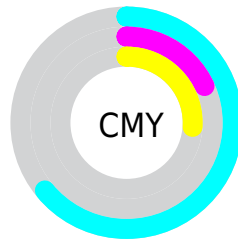
- Red (36%)
- Green (82%)
- Blue (74%)



- Red (36%)
- Yellow (61%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3994, 51.5504, 56.1759 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 36.3994, 51.5504, 56.1759 by changing the saturation by 10% instead.

■ 36.3994, 51.5504,
56.1759

■ 36.3994, 51.5504,
56.1759

322.1038,
392.6984, 427.7610

■ 24.9144, 36.6468,
39.9390

■ 68.9679, 92.4678,
100.7501

■ 16.1416, 24.9342,
27.1776

■ 90.7821, 119.2505,
129.9245

■ 9.7159, 16.0280,
17.4730

■ 116.7701,
150.7616, 164.2484

■ 5.2718, 9.5440,
10.4068

■ 147.2972,
187.3857, 204.1405

■ 2.4440, 5.0977,
5.5604

182.7287,
229.5070, 250.0193

■ 0.8671, 2.3047,
2.5152

223.4301,

■ 0.0000, 0.7762,

277.5099, 302.3033

0.8482

269.7667,
331.7790, 361.4110

■ 0.0000, 0.0000,
0.0000

■ 36.3994, 51.5504,
56.1759

■ 36.3994, 51.5504,
56.1759

■ 34.2098, 50.4671,
54.0746

■ 39.1774, 52.9384,
58.3569

■ 32.5554, 49.6574,
52.0467

■ 42.5824, 54.6473,
60.6164

■ 31.3809, 49.0941,
50.0904

■ 46.6551, 56.6992,
62.9577

■ 30.6159, 48.7407,
48.2021

■ 51.4314, 59.1127,
65.3829

■ 30.3706, 48.6304,
47.4596

■ 56.9444, 61.9049,
67.8938

■ 63.2253, 65.0919,
70.4923

■ 70.3036, 68.6887,
73.1800

■ 76.6422, 71.9030,
75.8854

■ 77.1137, 72.0917,
78.3687

Harmonies

Analogous

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



37.9375, 51.5504, 38.5564



36.3994, 51.5504, 56.1759



37.9512, 51.5504, 78.4655

Triad

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



36.3994, 51.5504, 56.1759



56.2767, 51.5504, 97.9828



56.2460, 51.5504, 28.2724

Complementary

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



36.3994, 51.5504, 56.1759



33.0480, 22.3808, 17.9091

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.



62.0019, 51.5504, 38.4940



36.3994, 51.5504, 56.1759



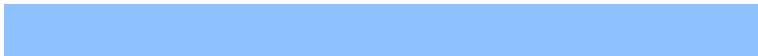
62.0208, 51.5504, 78.3654

Square

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



36.3994, 51.5504, 56.1759



49.0133, 51.5504, 105.9346



64.2102, 51.5504, 56.0834



48.9810, 51.5504, 25.0502

Rectangle

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



36.3994, 51.5504, 56.1759



40.6256, 51.5504, 92.4130



64.2102, 51.5504, 56.0834



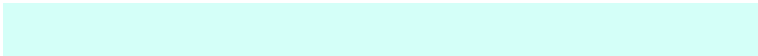
58.4462, 51.5504, 30.8564

Sweetspot

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



36.4009, 51.5524, 56.1771



79.6901, 92.2169, 102.0725



31.6019, 49.9164, 18.0954



16.7176, 19.5666, 21.6807



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.



36.4009, 51.5524, 56.1771



53.1285, 78.8913, 84.2292



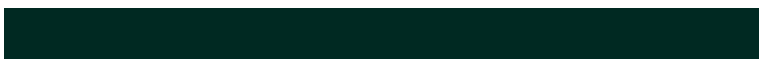
30.6668, 36.3666, 65.7271



12.0680, 13.3709, 14.7144



18.7569, 29.9957, 29.4299



1.0723, 1.6866, 1.7692

Inverse Universe

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



33.0480, 22.3808, 17.9091



47.4228, 28.8243, 18.7929



36.0848, 30.0434, 14.0232



11.8900, 11.8408, 12.6968



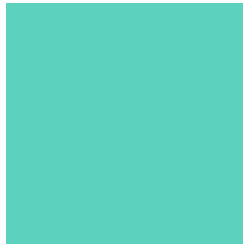
16.4314, 8.4454, 1.9118



0.9447, 0.4826, 0.2437

Previews

White Background



This preview shows how the XYZ color 36.3994, 51.5504, 56.1759 looks on a white background.

Color Contrast Check

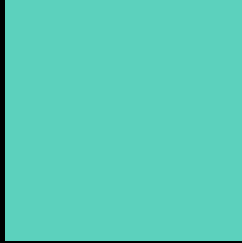
Large Text (above 18pt) WCAG AA × Fail

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 36.3994, 51.5504, 56.1759 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

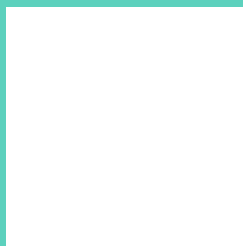
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3994, 51.5504, 56.1759

Background



This preview shows how black text looks on a background with the XYZ color 36.3994, 51.5504, 56.1759.

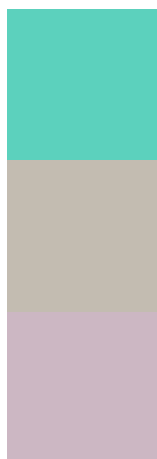


This preview shows how white text looks on a background with the XYZ color 36.3994, 51.5504,

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

36.3994, 51.5504, 56.1759

Protanopia

48.4247, 50.7429, 48.8371

Deuteranopia

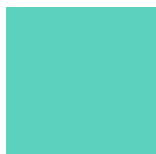
51.6857, 50.6445, 58.6810



Tritanopia

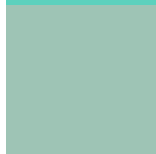
40.2375, 51.2898, 76.1858

Trichromacy



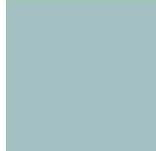
Original Color

36.3994, 51.5504, 56.1759



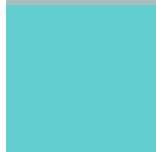
Protanomaly

42.1810, 50.0852, 51.1603



Deuteranomaly

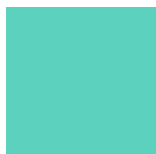
43.5795, 49.3361, 57.6780



Tritanomaly

38.7255, 51.3987, 68.2015

Monochromacy



Original Color

36.3994, 51.5504, 56.1759



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

36.7125, 43.7519, 48.6295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3994, 51.5504, 56.1759 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(92, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(92, 209, 189)  
}
```

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(92, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 209, 189) }
```

Border

The CSS property to change the border of an element to XYZ 36.3994, 51.5504, 56.1759 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(92, 209, 189) }
```


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

```
.border{ border-color:rgb(92, 209, 189) }
```

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

Here you see how a box with a 4 pixel rgb(92, 209, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 209, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 209, 189);  
box-shadow:4px 4px 4px 4px rgb(92, 209,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3994, 51.5504, 56.1759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 209, 189) }
```

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

```
.background{ background-color: rgb(92, 209,  
189) }
```

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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