

Converting Colors

XYZ(36.0309, 54.1370, 66.3091)

Have a look what the booklet for
XYZ(36.0309, 54.1370, 66.3091)
contains.

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Color

**XYZ(36.0293, 54.1350,
66.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	0FD9CD
RGB	15, 217, 205
RGB Percent	6%, 85%, 80%
CMY	0.9410, 0.1490, 0.1961
CMYK	0.93, 0.00, 0.06, 0.15
HSL	176°, 87%, 45%
HSV	176°, 93%, 85%
XYZ	36.0293, 54.1350, 66.3078
YIQ	155.2340, -116.5400, -46.5560

Conversions

Conversions Part 2

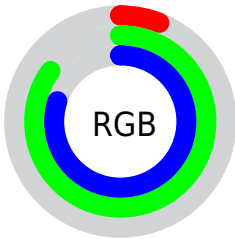
Format	Color
RYB	15, 119, 217
Decimal	1038797
CIELab	78.54, -45.64, -6.52
CIELCh	79, 46.104, 188.134
Yxy	54.1350, 0.2303, 0.3460
Android (android.graphics.Color)	4279228877 (0xFF0FD9CD)
YUV	155.2340, 24.5346, -122.9852
Hunter-Lab	73.5765, -41.3501, -1.9291

Details

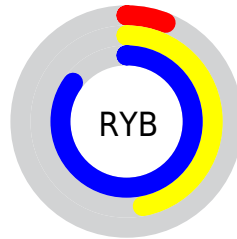
The XYZ color **36.0293, 54.1350, 66.3078** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **28.9858, 15.1742, 2.4404**, and the grayscale version is **31.1965, 32.8212, 35.7422**.

A 20% lighter version of the original color is **60.4921, 82.1847, 107.2827**, and **18.3308, 27.7241, 33.6633** is the 20% darker color. If you saturate the color by 10%, you get **35.7257, 53.9921, 65.7333**, and if you desaturate by 10%, it is **36.7432, 54.4862, 67.1584**.

Distribution



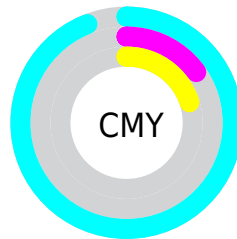
- Red (6%)
- Green (85%)
- Blue (80%)



- Red (6%)
- Yellow (47%)
- Blue (85%)



- Cyan (93%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (94%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0293, 54.1350, 66.3078 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 36.0293, 54.1350, 66.3078 by changing the saturation by 10% instead.


 36.0293, 54.1350,
66.3078


 36.0293, 54.1350,
66.3078


320.5176,
402.6246, 465.9111


 24.6270, 38.7096,
48.0643


 68.4009, 96.2724,
115.5592


 15.9267, 26.5339,
33.5174


 90.1009, 123.7533,
147.4041


 9.5628, 17.2235,
22.2488


 115.9642,
156.0214, 184.6200

 5.1701, 10.3940,
13.8397

 146.3561,
193.4611, 227.6252

 2.3832, 5.6609,
7.8718

 181.6421,
236.4569, 276.8384

 0.8367, 2.6400,
3.9264

222.1874,

 0.0000, 0.9468,

285.3932, 332.6781

1.5851

268.3575,
340.6543, 395.5628

■ 0.0000, 0.0000,
0.2801

■ 0.0000, 0.0000,
0.0000

■ 36.0293, 54.1350,
66.3078

■ 36.0293, 54.1350,
66.3078

■ 35.7257, 53.9921,
65.7333

■ 36.7432, 54.4862,
67.1584

■ 37.9178, 55.0735,
68.0361

■ 39.6261, 55.9358,
68.9455

■ 41.9276, 57.1038,
69.8894

■ 44.8736, 58.6038,
70.8702

■ 48.5099, 60.4596,
71.8901

■ 52.8784, 62.6927,
72.9511

■ 58.0172, 65.3227,
74.0549

■ 63.9622, 68.3682,
75.2033

Harmonies

Analogous

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



36.8882, 54.1350, 42.2096



36.0293, 54.1350, 66.3078



38.9032, 54.1350, 95.5374

Triad

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



36.0293, 54.1350, 66.3078



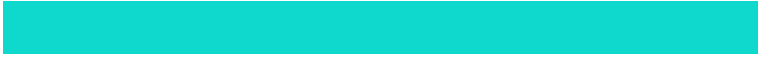
63.0089, 54.1350, 107.6860



58.2358, 54.1350, 23.6445

Complementary

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



36.0293, 54.1350, 66.3078



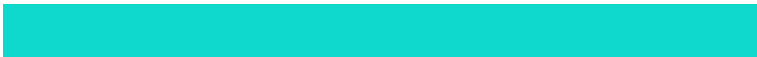
28.9858, 15.1742, 2.4404

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.



66.4490, 54.1350, 33.1389



36.0293, 54.1350, 66.3078



69.4228, 54.1350, 79.6024

Square

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



36.0293, 54.1350, 66.3078



53.9645, 54.1350, 123.6139



70.7507, 54.1350, 52.1463



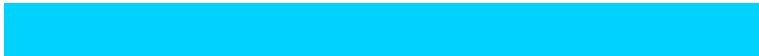
49.0220, 54.1350, 22.0007

Rectangle

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



36.0293, 54.1350, 66.3078



42.7736, 54.1350, 112.4427



70.7507, 54.1350, 52.1463



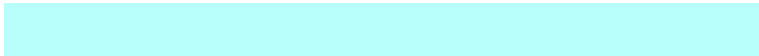
61.2352, 54.1350, 25.8528

Sweetspot

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



36.0309, 54.1370, 66.3091



72.8058, 88.6107, 104.3325



25.3929, 49.9159, 8.7497



15.0205, 18.6787, 22.1903



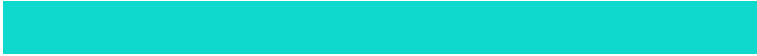
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0309, 54.1370, 66.3091



51.4655, 77.8022, 94.6238



20.6366, 20.9402, 68.6020



13.4097, 14.8155, 16.6205



21.6399, 32.6886, 39.8644



1.4123, 2.1219, 2.6372

Inverse Universe

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



28.9858, 15.1742, 2.4404



41.3273, 21.2949, 2.3898



33.5088, 24.3991, 3.3967



13.0873, 13.0640, 13.7208



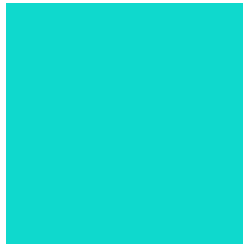
17.3786, 8.9525, 1.1079



1.1372, 0.5845, 0.1312

Previews

White Background



This preview shows how the XYZ color 36.0293, 54.1350, 66.3078 looks on a white background.

Color Contrast Check

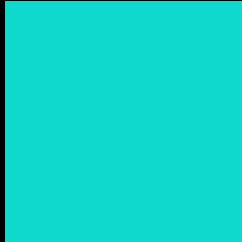
Large Text (above 18pt) WCAG AA × Fail

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 36.0293, 54.1350, 66.3078 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

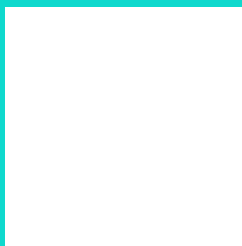
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0293, 54.1350, 66.3078

Background



This preview shows how black text looks on a background with the XYZ color 36.0293, 54.1350, 66.3078.

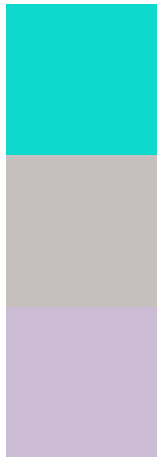


This preview shows how white text looks on a background with the XYZ color 36.0293, 54.1350,

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

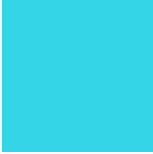
36.0293, 54.1350, 66.3078

Protanopia

51.1699, 53.2873, 56.3037

Deuteranopia

54.2826, 52.9906, 69.6546



Tritanopia

39.5833, 54.0618, 83.9500

Trichromacy



Original Color

36.0293, 54.1350, 66.3078



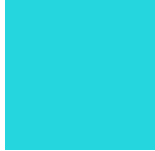
Protanomaly

40.0970, 50.5387, 59.2714



Deuteranomaly

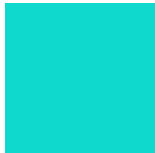
41.6944, 50.1425, 67.8025



Tritanomaly

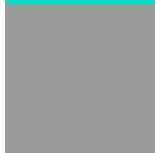
38.0307, 53.7791, 77.4832

Monochromacy



Original Color

36.0293, 54.1350, 66.3078



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.1721, 37.8010, 45.2939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0293, 54.1350, 66.3078 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(15, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(15, 217, 205)  
}
```

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(15, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 217, 205) }
```

Border

The CSS property to change the border of an element to XYZ 36.0293, 54.1350, 66.3078 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(15, 217, 205) }
```


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

```
.border{ border-color:rgb(15, 217, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 217, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(15, 217,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0293, 54.1350, 66.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 217, 205) }
```

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

```
.background{ background-color: rgb(15, 217,  
205) }
```

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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