

Converting Colors

XYZ(36.0262, 56.4491, 58.9499)

Have a look what the booklet for
XYZ(36.0262, 56.4491, 58.9499)
contains.

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Color

**XYZ(36.1333, 56.7003,
58.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	11DFC0
RGB	17, 223, 192
RGB Percent	7%, 87%, 75%
CMY	0.9332, 0.1255, 0.2471
CMYK	0.92, 0.00, 0.14, 0.13
HSL	171°, 86%, 47%
HSV	171°, 92%, 87%
XYZ	36.1333, 56.7003, 58.9090
YIQ	157.8720, -112.8250, -53.3130

Conversions

Conversions Part 2

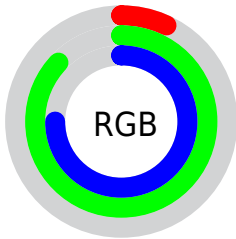
Format	Color
RYB	17, 128, 223
Decimal	1171392
CIELab	80.01, -51.63, 2.57
CIELCh	80, 51.694, 177.153
Yxy	56.7003, 0.2381, 0.3737
Android (android.graphics.Color)	4279361472 (0xFF11DFC0)
YUV	157.8720, 16.8251, -123.5447
Hunter-Lab	75.2996, -46.1192, 6.3255

Details

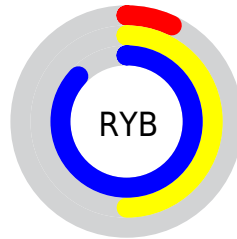
The XYZ color **36.1333, 56.7003, 58.9090** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed cyan. A complement of this color would be **31.1675, 16.3040, 4.3040**, and the grayscale version is **32.4089, 34.0967, 37.1313**.

A 20% lighter version of the original color is **59.3854, 81.7421, 101.4548**, and **18.4789, 29.5015, 29.1465** is the 20% darker color. If you saturate the color by 10%, you get **35.6216, 56.4704, 57.4165**, and if you desaturate by 10%, it is **37.1287, 57.1713, 60.9207**.

Distribution



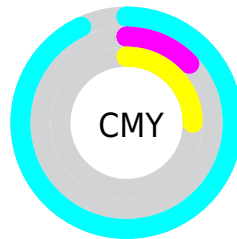
- Red (7%)
- Green (87%)
- Blue (75%)



- Red (7%)
- Yellow (50%)
- Blue (87%)



- Cyan (92%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)





- Cyan (93%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1333, 56.7003, 58.9090 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 36.1333, 56.7003, 58.9090 by changing the saturation by 10% instead.

 36.1333, 56.7003,
58.9090


 36.1333, 56.7003,
58.9090


320.9639,
412.3253, 438.2571


 24.7078, 40.7647,
42.1203


 68.5603, 100.0278,
104.7732

 15.9870, 28.1352,
28.8693


 90.2924, 128.1884,
134.6858


 9.6058, 18.4276,
18.7372


 116.1908,
161.1928, 169.8102

 5.1986, 11.2574,
11.3057

 146.6208,
199.4253, 210.5649

 2.4002, 6.2403,
6.1561

 181.9478,
243.2705, 257.3683

 0.8452, 2.9917,
2.8699

222.5370,

 0.0000, 1.1274,

293.1126, 310.6392

1.0286

268.7539,
349.3361, 370.7959

■ 0.0000, 0.0012,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.1333, 56.7003,
58.9090

■ 36.1333, 56.7003,
58.9090

■ 35.6216, 56.4704,
57.4165

■ 37.1287, 57.1713,
60.9207

■ 38.6278, 57.8997,
62.9992

■ 40.7077, 58.9265,
65.1498

■ 43.4311, 60.2840,
67.3756

■ 46.8528, 62.0005,
69.6795

■ 51.0214, 64.1010,
72.0641

■ 55.9812, 66.6084,
74.5316

■ 61.7732, 69.5438,
77.0844

■ 68.4353, 72.9267,
79.7244

Harmonies

Analogous

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



38.6435, 56.7003, 35.3798



36.1333, 56.7003, 58.9090



37.8456, 56.7003, 92.0734

Triad

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



36.1333, 56.7003, 58.9090



63.6440, 56.7003, 128.8248



65.6046, 56.7003, 24.7791

Complementary

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



36.1333, 56.7003, 58.9090



31.1675, 16.3040, 4.3040

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.



73.9327, 56.7003, 38.9243



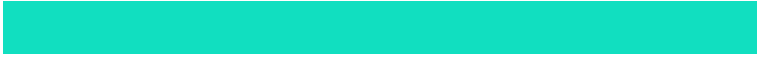
36.1333, 56.7003, 58.9090



72.7014, 56.7003, 98.7213

Square

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



36.1333, 56.7003, 58.9090



52.8952, 56.7003, 139.3939



76.6834, 56.7003, 64.6541



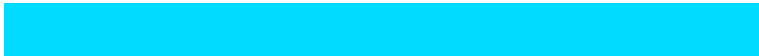
54.9011, 56.7003, 20.1144

Rectangle

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



36.1333, 56.7003, 58.9090



41.2919, 56.7003, 114.5925



76.6834, 56.7003, 64.6541



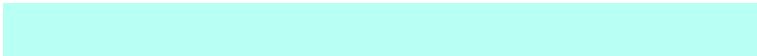
68.8251, 56.7003, 28.2996

Sweetspot

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



36.1349, 56.7025, 58.9103



71.7991, 88.2081, 99.0314



27.8734, 53.5309, 9.3950



14.7734, 18.5798, 20.8888



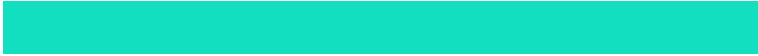
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.1349, 56.7025, 58.9103



48.2349, 76.5100, 77.6119



25.1642, 28.6728, 74.0226



14.0232, 15.5350, 17.1577



20.9777, 33.2159, 33.9354



1.4784, 2.3121, 2.4806

Inverse Universe

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



31.1675, 16.3040, 4.3040



41.5960, 21.4024, 3.8048



33.8368, 22.3349, 3.0592



13.7909, 13.7340, 14.6690



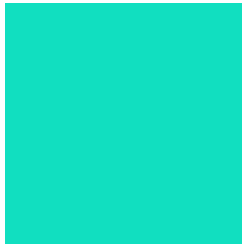
18.0851, 9.3010, 1.8479



1.2802, 0.6554, 0.2684

Previews

White Background



This preview shows how the XYZ color 36.1333, 56.7003, 58.9090 looks on a white background.

Color Contrast Check

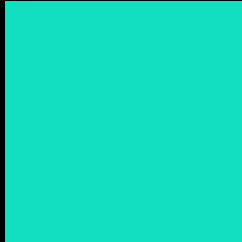
Large Text (above 18pt) WCAG AA × Fail

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 36.1333, 56.7003, 58.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

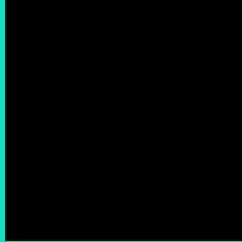
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

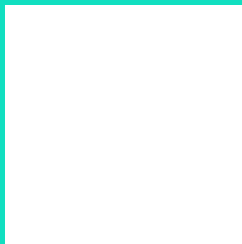
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1333, 56.7003, 58.9090

Background



This preview shows how black text looks on a background with the XYZ color 36.1333, 56.7003, 58.9090.



This preview shows how white text looks on a background with the XYZ color 36.1333, 56.7003,

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

36.1333, 56.7003, 58.9090

Protanopia

52.8526, 55.6333, 49.5476

Deuteranopia

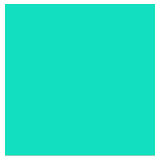
56.4538, 55.2466, 61.7210



Tritanopia

41.8581, 56.6806, 87.3316

Trichromacy



Original Color

36.1333, 56.7003, 58.9090



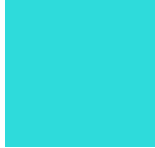
Protanomaly

40.8313, 52.8384, 52.3028



Deuteranomaly

42.2397, 51.9774, 60.0309



Tritanomaly

39.2444, 56.3584, 75.8277

Monochromacy



Original Color

36.1333, 56.7003, 58.9090



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.0471, 39.4840, 44.0677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1333, 56.7003, 58.9090 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(17, 223, 192)` looks like.

```
.text, #text, p{  
    color:rgb(17, 223, 192)  
}
```

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(17, 223, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 223, 192) }
```

Border

The CSS property to change the border of an element to XYZ 36.1333, 56.7003, 58.9090 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(17, 223, 192) }
```


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

```
.border{ border-color:rgb(17, 223, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 223, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 223, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 223, 192);  
box-shadow:4px 4px 4px 4px rgb(17, 223,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1333, 56.7003, 58.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 223, 192) }
```

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

```
.background{ background-color: rgb(17, 223,  
192) }
```

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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