

Converting Colors

XYZ(29.5260, 53.6167, 60.1586)

Have a look what the booklet for
XYZ(29.5260, 53.6167, 60.1586)
contains.

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Color

**XYZ(36.5060, 57.2514,
60.7563)**

Conversions

Conversions Part 1

Format	Color
Hex	00E0C3
RGB	0, 224, 195
RGB Percent	0%, 88%, 76%
CMY	0.9998, 0.1216, 0.2353
CMYK	1.00, 0.00, 0.13, 0.12
HSL	172°, 100%, 44%
HSV	172°, 100%, 88%
XYZ	36.5060, 57.2514, 60.7563
YIQ	153.7180, -124.1950, -56.5070

Conversions

Conversions Part 2

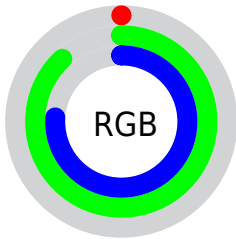
Format	Color
RYB	0, 120, 224
Decimal	57539
CIELab	80.32, -51.73, 1.42
CIELCh	80, 51.745, 178.432
Yxy	57.2514, 0.2363, 0.3705
Android (android.graphics.Color)	4278247619 (0xFF00E0C3)
YUV	153.7180, 20.3520, -134.8107
Hunter-Lab	75.6647, -46.2921, 5.3573

Details

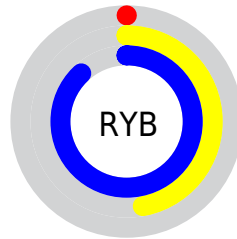
The XYZ color **36.5060, 57.2514, 60.7563** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed cyan. A complement of this color would be **30.9644, 15.9378, 2.6098**, and the grayscale version is **30.5509, 32.1420, 35.0026**.

A 20% lighter version of the original color is **59.4793, 81.7362, 103.9086**, and **18.8104, 29.9284, 29.9846** is the 20% darker color. If you saturate the color by 10%, you get **36.5064, 57.2530, 60.7541**, and if you desaturate by 10%, it is **37.1791, 57.5615, 62.5180**.

Distribution



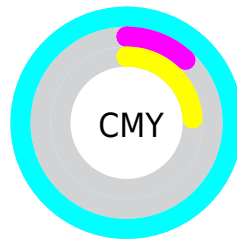
- Red (0%)
- Green (88%)
- Blue (76%)



- Red (0%)
- Yellow (47%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5060, 57.2514, 60.7563 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 36.5060, 57.2514, 60.7563 by changing the saturation by 10% instead.

36.5060, 57.2514,
60.7563

36.5060, 57.2514,
60.7563

322.5596,
414.3907, 445.2617

24.9972, 41.2071,
43.5992

69.1311, 100.8319,
107.4801

16.2037, 28.4810,
30.0207

90.9781, 129.1369,
137.8839

9.7601, 18.6885,
19.6021

117.0019,
162.2977, 173.5404

5.3013, 11.4454,
11.9250

147.5678,
200.6985, 214.8681

2.4616, 6.3673,
6.5707

183.0411,
244.7238, 262.2855

0.8760, 3.0697,
3.1207

223.7873,

0.0000, 1.1682,

294.7580, 316.2112

1.1566

270.1717,
351.1855, 377.0638

■ 0.0000, 0.0355,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.5060, 57.2514,
60.7563

■ 36.5060, 57.2514,
60.7563

■ 36.5064, 57.2530,
60.7541

■ 37.1791, 57.5615,
62.5180

■ 38.2515, 58.0753,
64.3306

■ 39.8519, 58.8606,
66.2016

■ 42.0530, 59.9548,
68.1344

■ 44.9160, 61.3895,
70.1323

■ 48.4946, 63.1923,
72.1978

■ 52.8369, 65.3880,
74.3334

■ 57.9866, 67.9993,
76.5413

■ 63.9844, 71.0470,
78.8235

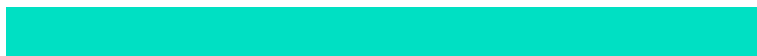
Harmonies

Analogous

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



38.8562, 57.2514, 36.5378



36.5060, 57.2514, 60.7563



38.4131, 57.2514, 94.3994

Triad

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



36.5060, 57.2514, 60.7563



64.6890, 57.2514, 128.9005



65.7771, 57.2514, 24.7039

Complementary

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



36.5060, 57.2514, 60.7563



30.9644, 15.9378, 2.6098

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.



74.3402, 57.2514, 38.5061



36.5060, 57.2514, 60.7563



73.6570, 57.2514, 98.0879

Square

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



36.5060, 57.2514, 60.7563



53.8610, 57.2514, 140.6104



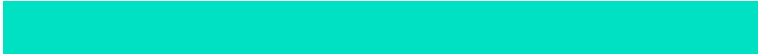
77.3933, 57.2514, 63.9450



54.9743, 57.2514, 20.3480

Rectangle

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



36.5060, 57.2514, 60.7563



42.0016, 57.2514, 116.8851



77.3933, 57.2514, 63.9450



69.0626, 57.2514, 28.1147

Sweetspot

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



36.5076, 57.2536, 60.7577



70.7308, 87.6425, 99.6499



27.1895, 53.5878, 8.9118



14.5845, 18.4783, 21.0665



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.



36.5076, 57.2536, 60.7577



48.9419, 76.7928, 81.3351



23.1116, 24.6943, 74.0717



14.0362, 15.5402, 17.2258



21.2790, 33.3364, 35.5216



1.4965, 2.3193, 2.5758

Inverse Universe

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



30.9644, 15.9378, 2.6098



41.5148, 21.3699, 3.3772



33.7714, 21.9072, 2.4499



13.7791, 13.7293, 14.6070



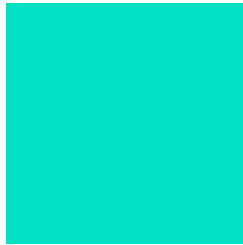
18.0457, 9.2853, 1.6405



1.2746, 0.6531, 0.2391

Previews

White Background



This preview shows how the XYZ color 36.5060, 57.2514, 60.7563 looks on a white background.

Color Contrast Check

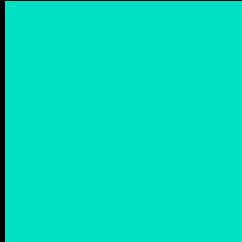
Large Text (above 18pt) WCAG AA × Fail

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 36.5060, 57.2514, 60.7563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

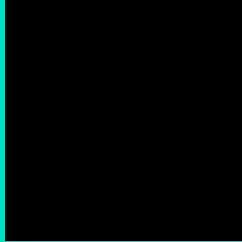
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

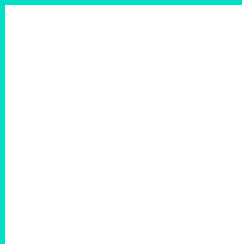
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5060, 57.2514, 60.7563

Background



This preview shows how black text looks on a background with the XYZ color 36.5060, 57.2514, 60.7563.

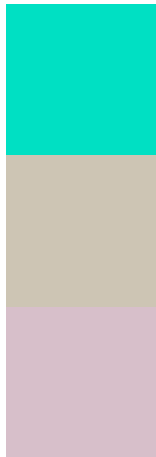


This preview shows how white text looks on a background with the XYZ color 36.5060, 57.2514,

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

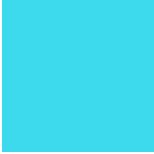
36.5060, 57.2514, 60.7563

Protanopia

53.3813, 56.2069, 51.2155

Deuteranopia

57.3158, 55.9729, 63.6601



Tritanopia

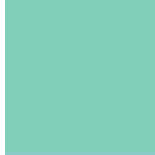
42.0752, 57.1596, 88.1722

Trichromacy



Original Color

36.5060, 57.2514, 60.7563



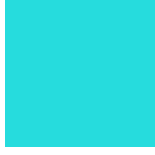
Protanomaly

40.2757, 52.8743, 53.9819



Deuteranomaly

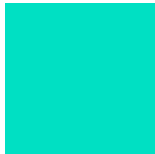
41.9813, 52.1538, 61.8869



Tritanomaly

39.4437, 56.8189, 77.2949

Monochromacy



Original Color

36.5060, 57.2514, 60.7563



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.3185, 37.7014, 43.3207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5060, 57.2514, 60.7563 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(0, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 195)  
}
```

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(0, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 195) }
```

Border

The CSS property to change the border of an element to XYZ 36.5060, 57.2514, 60.7563 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(0, 224, 195) }
```


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

```
.border{ border-color:rgb(0, 224, 195) }
```

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

Here you see how a box with a 4 pixel rgb(0, 224, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5060, 57.2514, 60.7563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 195) }
```

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

```
.background{ background-color: rgb(0, 224,  
195) }
```

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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