

Converting Colors

XYZ(35.6084, 53.6579, 60.7357)

Have a look what the booklet for
XYZ(35.6084, 53.6579, 60.7357)
contains.

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Color

**XYZ(35.6019, 53.6551,
60.7046)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2DD8C4 |
| RGB | 45, 216, 196 |
| RGB Percent | 18%, 85%, 77% |
| CMY | 0.8235, 0.1529, 0.2314 |
| CMYK | 0.79, 0.00, 0.09, 0.15 |
| HSL | 173°, 69%, 51% |
| HSV | 173°, 79%, 85% |
| XYZ | 35.6019, 53.6551, 60.7046 |
| YIQ | 162.5910, -95.4960, -42.4720 |

Conversions

Conversions Part 2

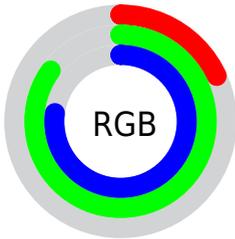
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 45, 136, 216 |
| Decimal | 3004612 |
| CIELab | 78.26, -45.87, -2.09 |
| CIELCh | 78, 45.917, 182.609 |
| Yxy | 53.6551, 0.2374, 0.3578 |
| Android (android.graphics.Color) | 4281194692 (0xFF2DD8C4) |
| YUV | 162.5910, 16.4706, -103.1273 |
| Hunter-Lab | 73.2496, -41.4296, 2.1390 |

Details

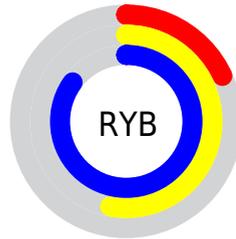
The XYZ color **35.6019, 53.6551, 60.7046** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **30.2133, 16.8591, 6.6650**, and the grayscale version is **34.5797, 36.3805, 39.6184**.

A 20% lighter version of the original color is **61.3748, 82.6768, 105.6519**, and **17.4533, 27.0946, 29.9011** is the 20% darker color. If you saturate the color by 10%, you get **34.5983, 53.1719, 59.1700**, and if you desaturate by 10%, it is **37.0991, 54.3947, 62.2900**.

Distribution



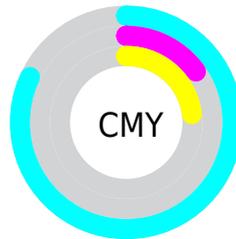
- Red (18%)
- Green (85%)
- Blue (77%)



- Red (18%)
- Yellow (53%)
- Blue (85%)



- Cyan (79%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (82%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6019, 53.6551, 60.7046 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 35.6019, 53.6551, 60.7046 by changing the saturation by 10% instead.

 35.6019, 53.6551,
60.7046

 35.6019, 53.6551,
60.7046

318.6788,
400.7934, 445.0666

 24.2956, 38.3260,
43.5578

 67.7451, 95.5676,
107.4045

 15.6789, 26.2358,
29.9884

 89.3126, 122.9199,
137.7946

 9.3867, 17.0001,
19.5778

 115.0313,
155.0486, 173.4363

 5.0534, 10.2346,
11.9075

 145.2664,
192.3382, 214.7480

 2.3137, 5.5548,
6.5589

 180.3834,
235.1731, 262.1484

 0.8017, 2.5763,
3.1136

220.7475,

 0.0000, 0.9148,

283.9377, 316.0559

1.1529

266.7242,
339.0163, 376.8891

■ 0.0000, 0.0000,
0.0000

■ 35.6019, 53.6551,
60.7046

■ 35.6019, 53.6551,
60.7046

■ 34.5983, 53.1719,
59.1700

■ 37.0991, 54.3947,
62.2900

■ 33.9776, 52.8844,
57.6772

■ 39.1506, 55.4182,
63.9256

■ 33.9316, 52.8633,
57.5533

■ 41.8130, 56.7561,
65.6153

■ 45.1349, 58.4334,
67.3615

■ 49.1599, 60.4725,
69.1664

■ 53.9279, 62.8942,
71.0319

■ 59.4757, 65.7172,
72.9600

■ 65.8377, 68.9595,
74.9522

■ 73.0463, 72.6376,
77.0104

Harmonies

Analogous

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



37.1347, 53.6551, 38.4731



35.6019, 53.6551, 60.7046



37.7754, 53.6551, 89.3760

Triad

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



35.6019, 53.6551, 60.7046



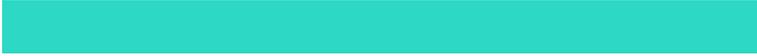
60.8943, 53.6551, 110.8482



59.3728, 53.6551, 24.5620

Complementary

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



35.6019, 53.6551, 60.7046



30.2133, 16.8591, 6.6650

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.



66.9927, 53.6551, 35.5927



35.6019, 53.6551, 60.7046



67.9413, 53.6551, 84.2917

Square

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



35.6019, 53.6551, 60.7046



51.7887, 53.6551, 123.1626



70.2932, 53.6551, 56.1960



50.2145, 53.6551, 21.6028

Rectangle

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



35.6019, 53.6551, 60.7046



41.2022, 53.6551, 107.2560



70.2932, 53.6551, 56.1960



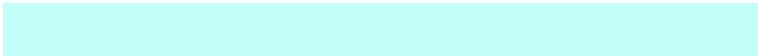
62.2340, 53.6551, 27.2494

Sweetspot

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



35.6035, 53.6571, 60.7059



74.8755, 89.7303, 102.0511



27.4014, 50.5251, 10.7921



15.5079, 18.9427, 21.6353



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.



35.6035, 53.6571, 60.7059



49.7409, 77.1311, 84.6954



24.9194, 28.3993, 69.1361



12.7267, 14.0817, 15.6413



20.1095, 31.2992, 34.2021



1.2310, 1.8951, 2.1583

Inverse Universe

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



30.2133, 16.8591, 6.6650



41.7825, 21.7022, 4.0926



34.1258, 25.4530, 5.5983



12.4818, 12.4442, 13.2112



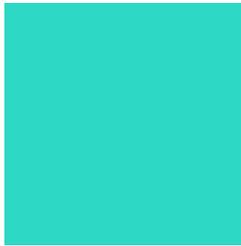
16.8881, 8.6915, 1.4487



1.0388, 0.5323, 0.1936

Previews

White Background



This preview shows how the XYZ color 35.6019, 53.6551, 60.7046 looks on a white background.

Color Contrast Check

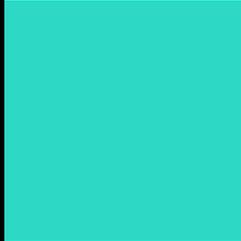
Large Text (above 18pt) WCAG AA × Fail

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 35.6019, 53.6551, 60.7046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

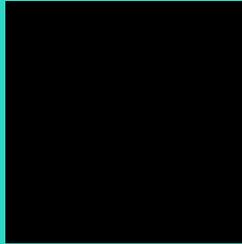
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6019, 53.6551, 60.7046

Background



This preview shows how black text looks on a background with the XYZ color 35.6019, 53.6551, 60.7046.



This preview shows how white text looks on a background with the XYZ color 35.6019, 53.6551,

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

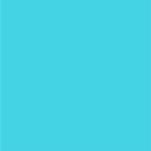
35.6019, 53.6551, 60.7046

Protanopia

50.3630, 52.6448, 51.7630

Deuteranopia

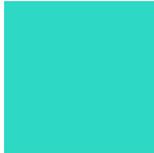
53.6732, 52.5039, 63.1825



Tritanopia

39.6818, 53.4189, 81.6182

Trichromacy



Original Color

35.6019, 53.6551, 60.7046



Protanomaly

40.7792, 50.6472, 54.6403



Deuteranomaly

42.4242, 50.3057, 62.1176



Tritanomaly

38.0524, 53.5070, 73.2881

Monochromacy



Original Color

35.6019, 53.6551, 60.7046



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.2115, 40.5441, 46.6855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6019, 53.6551, 60.7046 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(45, 216, 196)` looks like.

```
.text, #text, p{  
    color:rgb(45, 216, 196)  
}
```

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(45, 216, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 216, 196) }
```

Border

The CSS property to change the border of an element to XYZ 35.6019, 53.6551, 60.7046 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(45, 216, 196) }
```

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

```
.border{ border-color:rgb(45, 216, 196) }
```

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

Here you see how a box with a 4 pixel rgb(45, 216, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 216, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 216, 196);  
box-shadow:4px 4px 4px 4px rgb(45, 216,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6019, 53.6551, 60.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 216, 196) }
```

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

```
.background{ background-color: rgb(45, 216,  
196) }
```

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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