

Converting Colors

XYZ(36.5419, 51.6963, 54.5620)

Have a look what the booklet for
XYZ(36.5419, 51.6963, 54.5620)
contains.

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Color

**XYZ(36.4873, 51.6329,
54.4974)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60D1BA |
| RGB | 96, 209, 186 |
| RGB Percent | 38%, 82%, 73% |
| CMY | 0.6235, 0.1804, 0.2706 |
| CMYK | 0.54, 0.00, 0.11, 0.18 |
| HSL | 168°, 55%, 60% |
| HSV | 168°, 54%, 82% |
| XYZ | 36.4873, 51.6329, 54.4974 |
| YIQ | 172.5910, -59.9650, -31.1090 |

Conversions

Conversions Part 2

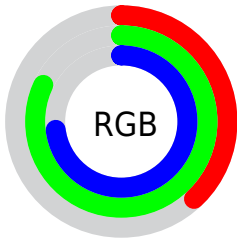
| Format | Color |
|-------------------------------------|--|
| RYB | 96, 159, 209 |
| Decimal | 6345146 |
| CIELab | 77.06, -37.74, 1.66 |
| CIELCh | 77, 37.772, 177.488 |
| Yxy | 51.6329, 0.2558, 0.3620 |
| Android (android.graphics.Color) | 4284535226 (0xFF60D1BA) |
| YUV | 172.5910, 6.6106, -67.1703 |
| Hunter-Lab | 71.8560, -35.1087, 5.3322 |

Details

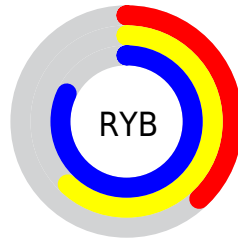
The XYZ color **36.4873, 51.6329, 54.4974** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **33.8089, 23.2545, 20.1615**, and the grayscale version is **39.5030, 41.5602, 45.2591**.

A 20% lighter version of the original color is **65.3046, 84.8994, 96.9497**, and **16.2152, 25.0243, 26.1658** is the 20% darker color. If you saturate the color by 10%, you get **34.1285, 50.4697, 52.0619**, and if you desaturate by 10%, it is **39.4470, 53.1069, 57.0336**.

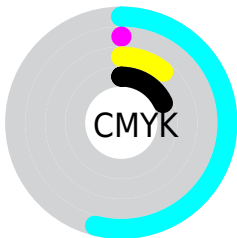
Distribution



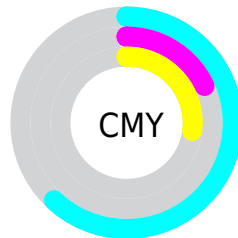
- Red (38%)
- Green (82%)
- Blue (73%)



- Red (38%)
- Yellow (62%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)





- Cyan (62%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4873, 51.6329, 54.4974 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 36.4873, 51.6329, 54.4974 by changing the saturation by 10% instead.


 36.4873, 51.6329,
54.4974


 36.4873, 51.6329,
54.4974


322.4797,
393.0178, 421.2320


 24.9826, 36.7125,
38.6036


 69.1025, 92.5896,
98.2679


 16.1928, 24.9850,
26.1460

 90.9438, 119.3948,
126.9817

 9.7524, 16.0659,
16.7062


 116.9612,
150.9303, 160.8059

 5.2961, 9.5708,
9.8655

 147.5203,
187.5807, 200.1591

 2.4586, 5.1153,
5.2054

182.9863,
229.7302, 245.4597

 0.8744, 2.3151,
2.3074

223.7247,

 0.0000, 0.7817,

277.7633, 297.1264

0.7354

270.1007,
332.0643, 355.5777

■ 0.0000, 0.0000,
0.0000

■ 36.4873, 51.6329,
54.4974

■ 36.4873, 51.6329,
54.4974

■ 34.1285, 50.4697,
52.0619

■ 39.4470, 53.1069,
57.0336

■ 32.3186, 49.5866,
49.7207

■ 43.0454, 54.9073,
59.6695

■ 31.0042, 48.9574,
47.4717

■ 47.3226, 57.0561,
62.4086

■ 30.1185, 48.5477,
45.3113

■ 52.3139, 59.5714,
65.2532

■ 29.7264, 48.3727,
44.0676

■ 58.0522, 62.4703,
68.2054

■ 64.5683, 65.7684,
71.2673

■ 71.8914, 69.4809,
74.4407

■ 76.9645, 72.0319,
77.5831

■ 77.5355, 72.2603,
80.5897

Harmonies

Analogous

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



38.2883, 51.6329, 37.4657



36.4873, 51.6329, 54.4974



37.7758, 51.6329, 76.6092

Triad

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



36.4873, 51.6329, 54.4974



55.7567, 51.6329, 99.3091



56.9103, 51.6329, 28.9444

Complementary

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



36.4873, 51.6329, 54.4974



33.8089, 23.2545, 20.1615

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.



62.4300, 51.6329, 39.8123



36.4873, 51.6329, 54.4974



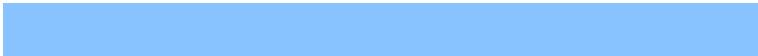
61.7194, 51.6329, 80.3734

Square

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



36.4873, 51.6329, 54.4974



48.4705, 51.6329, 105.9461



64.2697, 51.6329, 57.9774



49.6856, 51.6329, 25.1508

Rectangle

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



36.4873, 51.6329, 54.4974



40.2908, 51.6329, 90.8599



64.2697, 51.6329, 57.9774



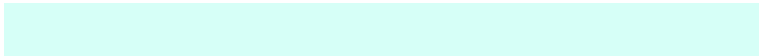
59.0525, 51.6329, 31.7368

Sweetspot

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



36.4888, 51.6349, 54.4986



80.2914, 92.5428, 101.3797



32.7264, 50.4753, 19.0853



16.8274, 19.6274, 21.4992



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.



36.4888, 51.6349, 54.4986



52.9897, 78.8906, 81.0230



32.0530, 38.5299, 66.0715



12.0510, 13.3641, 14.6247



18.3640, 29.8385, 27.3608



1.0535, 1.6791, 1.6706

Inverse Universe

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



33.8089, 23.2545, 20.1615



48.4077, 29.8762, 21.9509



36.1289, 29.8442, 14.9238



11.9057, 11.8470, 12.7795



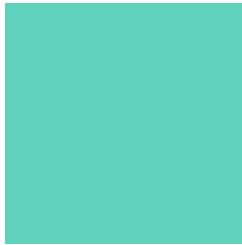
16.5049, 8.4748, 2.2989



0.9520, 0.4855, 0.2820

Previews

White Background



This preview shows how the XYZ color 36.4873, 51.6329, 54.4974 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 36.4873, 51.6329, 54.4974 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

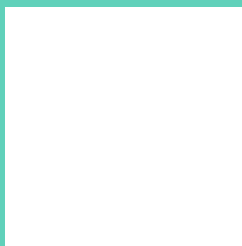
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4873, 51.6329, 54.4974

Background



This preview shows how black text looks on a background with the XYZ color 36.4873, 51.6329, 54.4974.

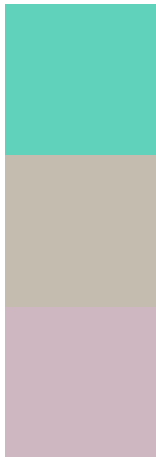


This preview shows how white text looks on a background with the XYZ color 36.4873, 51.6329,

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

36.4873, 51.6329, 54.4974

Protanopia

48.4860, 50.7973, 47.8068

Deuteranopia

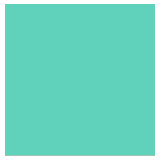
51.9015, 50.7946, 56.9380



Tritanopia

40.8284, 51.5943, 76.2134

Trichromacy



Original Color

36.4873, 51.6329, 54.4974



Protanomaly

42.3738, 50.2081, 50.1056



Deuteranomaly

43.8698, 49.5240, 55.9621



Tritanomaly

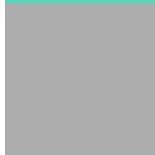
39.1654, 51.6397, 67.5777

Monochromacy



Original Color

36.4873, 51.6329, 54.4974



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

37.2718, 44.3519, 48.7158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4873, 51.6329, 54.4974 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(96, 209, 186)` looks like.

```
.text, #text, p{  
    color:rgb(96, 209, 186)  
}
```

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(96, 209, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 209, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.4873, 51.6329, 54.4974 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(96, 209, 186) }
```


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

```
.border{ border-color:rgb(96, 209, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 209, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 209, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 209, 186);  
box-shadow:4px 4px 4px 4px rgb(96, 209,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4873, 51.6329, 54.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 209, 186) }
```

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

```
.background{ background-color: rgb(96, 209,  
186) }
```

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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