

Converting Colors

XYZ(53.4742, 66.6295, 73.4141)

Have a look what the booklet for
XYZ(53.4742, 66.6295, 73.4141)
contains.

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Color

**XYZ(53.4345, 66.5169,
73.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE2D6
RGB	158, 226, 214
RGB Percent	62%, 89%, 84%
CMY	0.3804, 0.1137, 0.1608
CMYK	0.30, 0.00, 0.05, 0.11
HSL	169°, 54%, 75%
HSV	169°, 30%, 89%
XYZ	53.4345, 66.5169, 73.6411
YIQ	204.3000, -36.6760, -18.1480

Conversions

Conversions Part 2

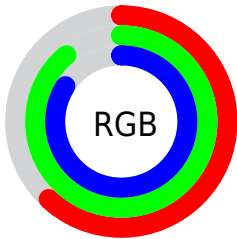
Format	Color
RYB	158, 195, 226
Decimal	10412758
CIELab	85.26, -23.80, -0.97
CIELCh	85, 23.818, 182.337
Yxy	66.5169, 0.2760, 0.3436
Android (android.graphics.Color)	4288602838 (0xFF9EE2D6)
YUV	204.3000, 4.7821, -40.6051
Hunter-Lab	81.5579, -25.7780, 3.5558

Details

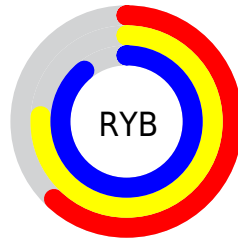
The XYZ color **53.4345, 66.5169, 73.6411** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8489, 43.5265, 43.7542**, and the grayscale version is **57.5731, 60.5714, 65.9622**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.3417, 34.1957, 38.0130** is the 20% darker color. If you saturate the color by 10%, you get **48.8885, 64.2332, 70.8025**, and if you desaturate by 10%, it is **58.8143, 69.2324, 76.5867**.

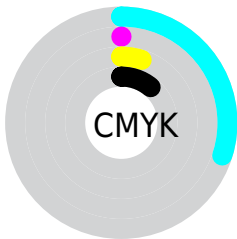
Distribution



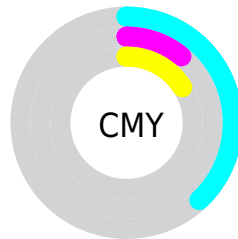
- Red (62%)
- Green (89%)
- Blue (84%)



- Red (62%)
- Yellow (76%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)





- Cyan (38%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4345, 66.5169, 73.6411 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 53.4345, 66.5169, 73.6411 by changing the saturation by 10% instead.


 53.4345, 66.5169,
73.6411


 53.4345, 66.5169,
73.6411


390.1835,
448.2232, 492.3640

 38.3786, 48.6921,
54.0053


 94.4052, 114.2279,
126.1162

 26.4552, 34.3753,
38.2127


 121.0507,
144.8829, 159.7927

 17.2990, 23.1821,
25.8447


152.2901,
180.5835, 198.9865

 10.5445, 14.7280,
16.4828

188.4888,
221.7140, 244.1161

 5.8265, 8.6287,
9.7084

230.0122,
268.6588, 295.6001

 2.7795, 4.4998,
5.1030

277.2255,

 1.0383, 1.9569,

321.8024, 353.8571

2.2480

330.4942,
381.5290, 419.3055

■ 0.0000, 0.5822,
0.7019

■ 0.0000, 0.0000,
0.0000

■ 53.4345, 66.5169,
73.6411

■ 53.4345, 66.5169,
73.6411

■ 48.8885, 64.2332,
70.8025

■ 58.8143, 69.2324,
76.5867

■ 45.1255, 62.3501,
68.0638

■ 65.0637, 72.3930,
79.6371

■ 42.0983, 60.8448,
65.4238

■ 72.2233, 76.0215,
82.7962

■ 39.7520, 59.6891,
62.8794

■ 80.3295, 80.1364,
86.0661

■ 38.0237, 58.8506,
60.4272

■ 83.2813, 81.5926,
89.1617

■ 36.8389, 58.2909,
58.0632

■ 83.8608, 81.8244,
92.2137

■ 36.0725, 57.9451,
55.8008

■ 84.4534, 82.0614,
95.3340

■ 85.0590, 82.3037,
98.5232

■ 85.6778, 82.5512,
101.7816

Harmonies

Analogous

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



54.4913, 66.5169, 59.5171



53.4345, 66.5169, 73.6411



54.8744, 66.5169, 89.4661

Triad

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



53.4345, 66.5169, 73.6411



68.9217, 66.5169, 100.4681



68.1503, 66.5169, 49.2165

Complementary

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



53.4345, 66.5169, 73.6411



50.8489, 43.5265, 43.7542

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.



72.3766, 66.5169, 57.6991



53.4345, 66.5169, 73.6411



72.8395, 66.5169, 87.0773

Square

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



53.4345, 66.5169, 73.6411



63.6453, 66.5169, 106.2632



74.1379, 66.5169, 71.2235



62.8012, 66.5169, 46.6622

Rectangle

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



53.4345, 66.5169, 73.6411



57.1068, 66.5169, 98.5159



74.1379, 66.5169, 71.2235



69.7595, 66.5169, 51.4035

Sweetspot

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



53.4364, 66.5196, 73.6426



86.4595, 95.6460, 105.1294



50.0486, 65.4623, 42.3465



18.2287, 20.3318, 22.3739



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.



53.4364, 66.5196, 73.6426



66.4552, 85.5476, 94.5138



49.5340, 56.1703, 80.1859



14.0073, 15.5287, 17.0737



20.6182, 33.0721, 32.0420



1.4567, 2.3034, 2.3662

Inverse Universe

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



50.8489, 43.5265, 43.7542



62.5503, 50.7965, 49.3699



53.7650, 51.0938, 39.3772



13.8055, 13.7398, 14.7460



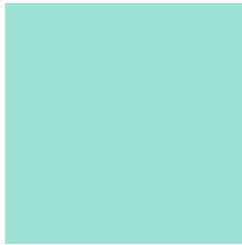
18.1413, 9.3235, 2.1437



1.2871, 0.6581, 0.3048

Previews

White Background



This preview shows how the XYZ color 53.4345, 66.5169, 73.6411 looks on a white background.

Color Contrast Check

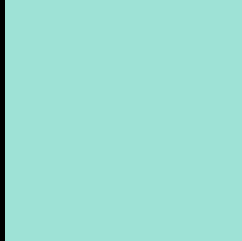
Large Text (above 18pt) WCAG AA × Fail

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 53.4345, 66.5169, 73.6411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

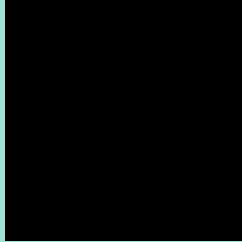
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

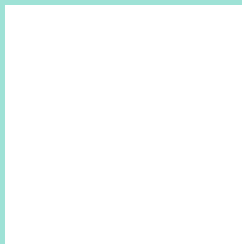
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4345, 66.5169, 73.6411

Background



This preview shows how black text looks on a background with the XYZ color 53.4345, 66.5169, 73.6411.

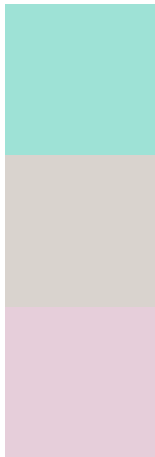


This preview shows how white text looks on a background with the XYZ color 53.4345, 66.5169,

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

53.4345, 66.5169, 73.6411

Protanopia

63.0501, 65.7965, 67.7694

Deuteranopia

67.3593, 66.0276, 75.5240



Tritanopia

57.1593, 66.4263, 92.2470

Trichromacy



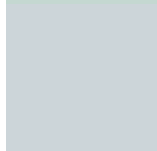
Original Color

53.4345, 66.5169, 73.6411



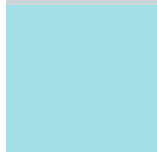
Protanomaly

58.8294, 65.4509, 69.8543



Deuteranomaly

61.2205, 65.4356, 75.0493



Tritanomaly

55.7118, 66.2263, 85.4479

Monochromacy



Original Color

53.4345, 66.5169, 73.6411



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.4222, 62.2058, 68.7604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4345, 66.5169, 73.6411 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(158, 226, 214)` looks like.

```
.text, #text, p{  
    color:rgb(158, 226, 214)  
}
```

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(158, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 226, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.4345, 66.5169, 73.6411 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(158, 226, 214) }
```


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

```
.border{ border-color:rgb(158, 226, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 226, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 226, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 226, 214); box-shadow:4px 4px 4px 4px rgb(158, 226, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4345, 66.5169, 73.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 226, 214) }
```

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

```
.background{ background-color: rgb(158,  
226, 214) }
```

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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