

Converting Colors

XYZ(53.8130, 66.6369, 65.6082)

Have a look what the booklet for
XYZ(53.8130, 66.6369, 65.6082)
contains.

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Color

**XYZ(53.7343, 66.4395,
65.8691)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E1CA
RGB	168, 225, 202
RGB Percent	66%, 88%, 79%
CMY	0.3412, 0.1176, 0.2078
CMYK	0.25, 0.00, 0.10, 0.12
HSL	156°, 49%, 77%
HSV	156°, 25%, 88%
XYZ	53.7343, 66.4395, 65.8691
YIQ	205.3350, -26.5890, -19.2370

Conversions

Conversions Part 2

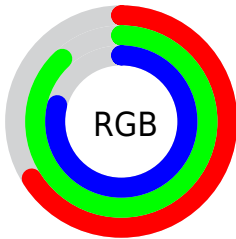
Format	Color
RYB	168, 204, 225
Decimal	11067850
CIELab	85.22, -22.86, 5.37
CIELCh	85, 23.480, 166.784
Yxy	66.4395, 0.2888, 0.3571
Android (android.graphics.Color)	4289257930 (0xFFA8E1CA)
YUV	205.3350, -1.6442, -32.7428
Hunter-Lab	81.5104, -24.9703, 9.1447

Details

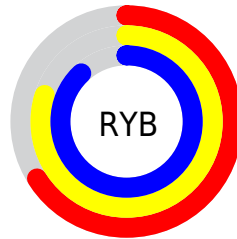
The XYZ color **53.7343, 66.4395, 65.8691** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4602, 47.7760, 55.6443**, and the grayscale version is **58.2653, 61.2997, 66.7553**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **26.7903, 34.5324, 33.2704** is the 20% darker color. If you saturate the color by 10%, you get **48.3090, 63.7650, 60.1681**, and if you desaturate by 10%, it is **60.0554, 69.5720, 71.9451**.

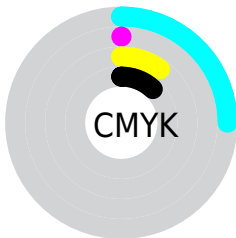
Distribution



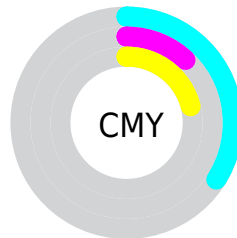
- Red (66%)
- Green (88%)
- Blue (79%)



- Red (66%)
- Yellow (80%)
- Blue (88%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)





- Cyan (34%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7343, 66.4395, 65.8691 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 53.7343, 66.4395, 65.8691 by changing the saturation by 10% instead.


 53.7343, 66.4395,
65.8691


 53.7343, 66.4395,
65.8691


391.3109,
447.9470, 464.3000

 38.6191, 48.6293,
47.7103


 94.8432, 114.1169,
114.9236

 26.6429, 34.3255,
33.2392


 121.5676,
144.7529, 146.6565

 17.4404, 23.1438,
22.0371


152.8925,
180.4328, 183.7512

 10.6463, 14.6997,
13.6856

189.1831,
221.5413, 226.6261

 5.8950, 8.6089,
7.7661

230.8049,
268.4625, 275.7000

 2.8214, 4.4870,
3.8600

278.1233,

 1.0600, 1.9495,

321.5809, 331.3912

1.5489

331.5035,
381.2810, 394.1184

0.0000, 0.5779,
0.2539

0.0000, 0.0000,
0.0000

53.7343, 66.4395,
65.8691

53.7343, 66.4395,
65.8691

48.3090, 63.7650,
60.1681

60.0554, 69.5720,
71.9451

43.7301, 61.5180,
54.8300


67.3075, 73.1753,
78.3990


39.9520, 59.6766,
49.8481


75.5304, 77.2714,
85.2394


36.9221, 58.2141,
45.2142


83.6463, 81.3048,
92.4212


 34.5814, 57.1000,
40.9194

 85.0169, 81.8530,
99.6387

 32.8612, 56.2992,
36.9542

 86.2164, 82.3329,
105.9555

 31.6775, 55.7685,
33.3080

 31.2439, 55.5798,
31.7110

Harmonies

Analogous

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



56.0062, 66.4395, 54.1329



53.7343, 66.4395, 65.8691



53.8820, 66.4395, 81.1048

Triad

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



53.7343, 66.4395, 65.8691



66.1388, 66.4395, 104.0518



70.3905, 66.4395, 53.0801

Complementary

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



53.7343, 66.4395, 65.8691



54.4602, 47.7760, 55.6443

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.



73.4214, 66.4395, 64.2330



53.7343, 66.4395, 65.8691



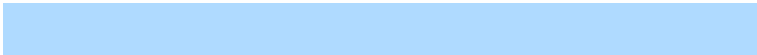
70.8742, 66.4395, 94.2337

Square

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



53.7343, 66.4395, 65.8691



60.8464, 66.4395, 104.6525



73.6032, 66.4395, 79.2242



65.5084, 66.4395, 47.4764

Rectangle

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



53.7343, 66.4395, 65.8691



55.3302, 66.4395, 91.2721



73.6032, 66.4395, 79.2242



71.6712, 66.4395, 56.2278

Sweetspot

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



53.7362, 66.4422, 65.8706



86.6417, 95.8152, 101.7356



55.6702, 67.8543, 47.2098



18.2264, 20.3501, 21.4952



0.0000, 0.0000, 0.0000



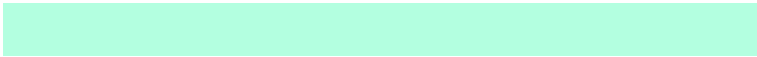
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7362, 66.4422, 65.8706



67.7071, 86.4331, 83.7276



55.4001, 65.0815, 80.8795



13.8702, 15.4738, 16.3518



18.0626, 32.0499, 18.5846



1.2960, 2.2391, 1.5197

Inverse Universe

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



54.4602, 47.7760, 55.6443



68.8147, 57.9220, 68.1157



53.0169, 48.6277, 43.6385



13.9353, 13.7918, 15.4294



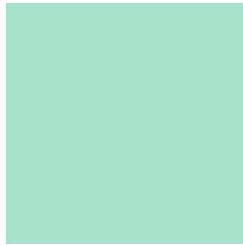
19.0306, 9.6792, 6.8270



1.3626, 0.6883, 0.7021

Previews

White Background



This preview shows how the XYZ color 53.7343, 66.4395, 65.8691 looks on a white background.

Color Contrast Check

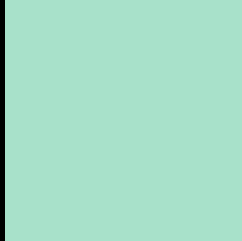
Large Text (above 18pt) WCAG AA × Fail

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 53.7343, 66.4395, 65.8691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

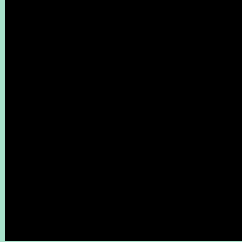
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

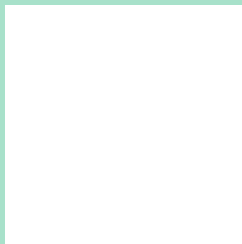
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7343, 66.4395, 65.8691

Background



This preview shows how black text looks on a background with the XYZ color 53.7343, 66.4395, 65.8691.



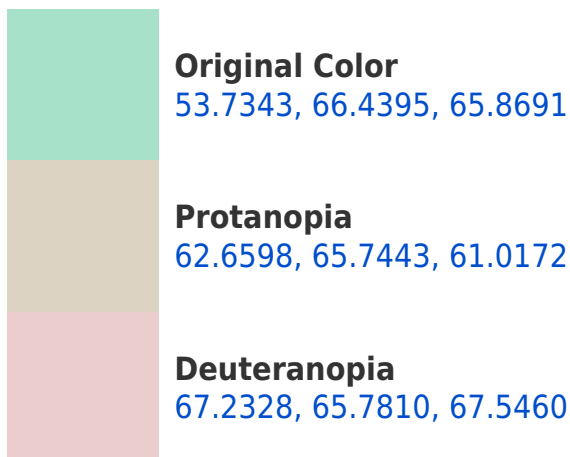
This preview shows how white text looks on a background with the XYZ color 53.7343, 66.4395,

65.8691.

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





Tritanopia

58.5585, 66.4148, 89.8537

Trichromacy



Original Color

53.7343, 66.4395, 65.8691

Protanomaly

58.8363, 65.6065, 62.9884

Deuteranomaly

61.4269, 65.3436, 67.1326

Tritanomaly

56.5891, 66.3950, 80.3540

Monochromacy



Original Color

53.7343, 66.4395, 65.8691

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.1808, 62.6531, 66.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7343, 66.4395, 65.8691 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(168, 225, 202)` looks like.

```
.text, #text, p{  
    color:rgb(168, 225, 202)  
}
```

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(168, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 225, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.7343, 66.4395, 65.8691 is called "border". The border property can be set on classes, ids or directly on the HTML element.

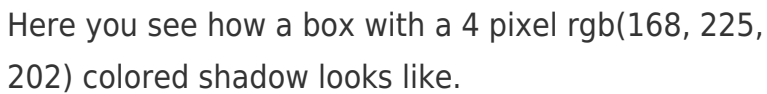
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 225, 202) }
```


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

```
.border{ border-color:rgb(168, 225, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 225, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 225, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 225, 202); box-shadow:4px 4px 4px 4px rgb(168, 225, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7343, 66.4395, 65.8691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 225, 202) }
```

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

```
.background{ background-color: rgb(168,  
225, 202) }
```

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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