

Converting Colors

XYZ(53.6799, 67.8246, 66.1235)

Have a look what the booklet for
XYZ(53.6799, 67.8246, 66.1235)
contains.

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Color

**XYZ(53.5083, 67.5376,
66.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E4CA
RGB	163, 228, 202
RGB Percent	64%, 89%, 79%
CMY	0.3608, 0.1059, 0.2078
CMYK	0.29, 0.00, 0.11, 0.11
HSL	156°, 55%, 77%
HSV	156°, 29%, 89%
XYZ	53.5083, 67.5376, 66.0930
YIQ	205.6010, -30.3940, -21.8660

Conversions

Conversions Part 2

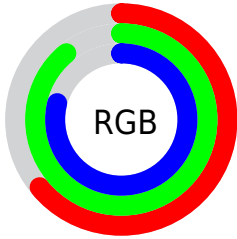
Format	Color
RYB	163, 204, 228
Decimal	10740938
CIELab	85.77, -25.83, 6.13
CIELCh	86, 26.547, 166.643
Yxy	67.5376, 0.2859, 0.3609
Android (android.graphics.Color)	4288931018 (0xFFA3E4CA)
YUV	205.6010, -1.7753, -37.3611
Hunter-Lab	82.1813, -27.5957, 9.8438

Details

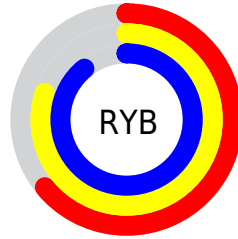
The XYZ color **53.5083, 67.5376, 66.0930** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.2797, 46.3641, 54.2351**, and the grayscale version is **58.4376, 61.4809, 66.9527**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **26.4045, 34.8944, 33.3606** is the 20% darker color. If you saturate the color by 10%, you get **48.2062, 64.9272, 60.3740**, and if you desaturate by 10%, it is **59.7196, 70.6130, 72.1907**.

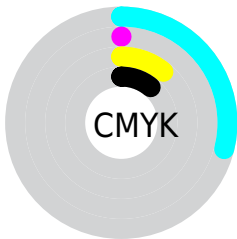
Distribution



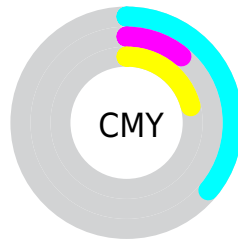
- Red (64%)
- Green (89%)
- Blue (79%)



- Red (64%)
- Yellow (80%)
- Blue (89%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)





- Cyan (36%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5083, 67.5376, 66.0930 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 53.5083, 67.5376, 66.0930 by changing the saturation by 10% instead.


 53.5083, 67.5376,
66.0930


 53.5083, 67.5376,
66.0930


390.4612,
451.8560, 465.1227

 38.4378, 49.5216,
47.8909


 94.5130, 115.6904,
115.2481

 26.5014, 35.0335,
33.3812


 121.1780,
146.5960, 147.0382

 17.3338, 23.6887,
22.1451


152.4385,
182.5670, 184.1947

 10.5695, 15.1028,
13.7642

188.6598,
223.9877, 227.1362

 5.8433, 8.8916,
7.8200

230.2074,
271.2426, 276.2812

 2.7898, 4.6705,
3.8939


277.4466,

 1.0436, 2.0553,


324.7160, 332.0483


1.5673


330.7428,
384.7923, 394.8559


 0.0000, 0.6393,
0.2673

 0.0000, 0.0000,
0.0000


 53.5083, 67.5376,
66.0930


 53.5083, 67.5376,
66.0930


 48.2062, 64.9272,
60.3740


 59.7196, 70.6130,
72.1907


 43.7614, 62.7497,
55.0212

 66.8774, 74.1670,
78.6701

 40.1251, 60.9818,
50.0279

 75.0237, 78.2229,
85.5399

 37.2411, 59.5949,
45.3855

 84.1963, 82.8002,
92.8074

■ 35.0458, 58.5561,
41.0848

■ 85.8668, 83.5022,
100.0784

■ 33.4640, 57.8268,
37.1158

■ 87.0346, 83.9693,
106.2282

■ 32.3860, 57.3507,
33.4670

■ 32.2454, 57.2896,
32.9490

Harmonies

Analogous

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



56.0864, 67.5376, 52.9207



53.5083, 67.5376, 66.0930



53.6617, 67.5376, 83.5164

Triad

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



53.5083, 67.5376, 66.0930



67.5885, 67.5376, 110.3738



72.5303, 67.5376, 51.8411

Complementary

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



53.5083, 67.5376, 66.0930



54.2797, 46.3641, 54.2351

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.



76.0180, 67.5376, 64.3860



53.5083, 67.5376, 66.0930



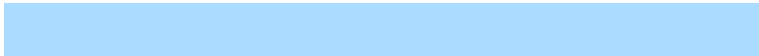
73.0442, 67.5376, 98.9132

Square

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



53.5083, 67.5376, 66.0930



61.5377, 67.5376, 111.0245



76.2118, 67.5376, 81.5199



66.9225, 67.5376, 45.6093

Rectangle

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



53.5083, 67.5376, 66.0930



55.2884, 67.5376, 95.3095



76.2118, 67.5376, 81.5199



74.0045, 67.5376, 55.3617

Sweetspot

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



53.5102, 67.5404, 66.0945



85.6618, 95.3269, 100.9286



55.6125, 69.0920, 45.0562



18.0315, 20.2529, 21.3354



0.0000, 0.0000, 0.0000



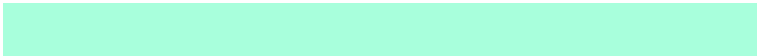
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5102, 67.5404, 66.0945



64.9328, 85.0620, 80.9272



55.3865, 65.9437, 83.2113



14.5506, 16.2337, 17.1640



18.6789, 33.1037, 19.3414



1.4259, 2.4645, 1.6693

Inverse Universe

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



54.2797, 46.3641, 54.2351



66.0755, 53.6871, 63.3689



52.6875, 47.2993, 41.0040



14.6147, 14.4630, 16.1712



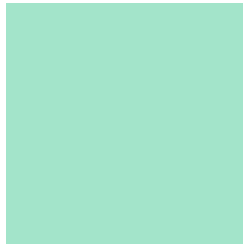
19.6254, 9.9844, 6.9224



1.4951, 0.7558, 0.7478

Previews

White Background



This preview shows how the XYZ color 53.5083, 67.5376, 66.0930 looks on a white background.

Color Contrast Check

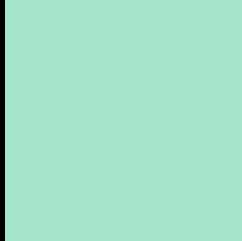
Large Text (above 18pt) WCAG AA × Fail

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 53.5083, 67.5376, 66.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

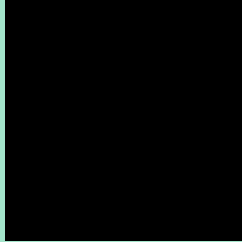
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5083, 67.5376, 66.0930

Background



This preview shows how black text looks on a background with the XYZ color 53.5083, 67.5376, 66.0930.

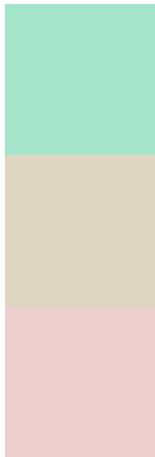


This preview shows how white text looks on a background with the XYZ color 53.5083, 67.5376,

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

53.5083, 67.5376, 66.0930

Protanopia

63.6561, 67.0131, 60.6187

Deuteranopia

68.3785, 67.0864, 67.7376



Tritanopia

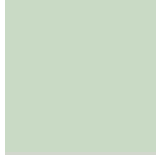
58.6440, 67.1917, 92.3165

Trichromacy



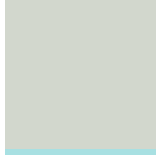
Original Color

53.5083, 67.5376, 66.0930



Protanomaly

59.2368, 66.5915, 62.5547



Deuteranomaly

61.8982, 66.7103, 67.3716



Tritanomaly

56.5316, 67.1271, 81.9288

Monochromacy



Original Color

53.5083, 67.5376, 66.0930



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.3012, 63.4481, 67.0369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5083, 67.5376, 66.0930 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(163, 228, 202)` looks like.

```
.text, #text, p{  
    color:rgb(163, 228, 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(163, 228, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 228, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.5083, 67.5376, 66.0930 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(163, 228, 202) }
```


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

```
.border{ border-color:rgb(163, 228, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 228, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(163, 228,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5083, 67.5376, 66.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 228, 202) }
```

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

```
.background{ background-color: rgb(163,  
228, 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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