

Converting Colors

XYZ(56.7148, 75.4532, 58.3265)

Have a look what the booklet for
XYZ(56.7148, 75.4532, 58.3265)
contains.

XYZ(56.6581, 75.3076, 58.5633)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6581, 75.3076,
58.5633)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F2BB
RGB	167, 242, 187
RGB Percent	65%, 95%, 73%
CMY	0.3451, 0.0510, 0.2667
CMYK	0.31, 0.00, 0.23, 0.05
HSL	136°, 74%, 80%
HSV	136°, 31%, 95%
XYZ	56.6581, 75.3076, 58.5633
YIQ	213.3050, -27.0450, -33.0050

Conversions

Conversions Part 2

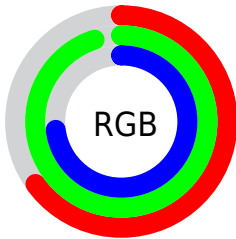
Format	Color
RYB	167, 226, 242
Decimal	11006651
CIELab	89.54, -34.10, 19.31
CIELCh	90, 39.187, 150.476
Yxy	75.3076, 0.2974, 0.3953
Android (android.graphics.Color)	4289196731 (0xFFA7F2BB)
YUV	213.3050, -12.9684, -40.6095
Hunter-Lab	86.7800, -35.3234, 20.7342

Details

The XYZ color **56.6581, 75.3076, 58.5633** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.6240, 51.7903, 75.7535**, and the grayscale version is **63.5487, 66.8582, 72.8086**.

A 20% lighter version of the original color is **82.6781, 93.8384, 98.5490**, and **28.4621, 39.9299, 28.7614** is the 20% darker color. If you saturate the color by 10%, you get **50.2322, 72.2032, 48.9508**, and if you desaturate by 10%, it is **64.2795, 79.0054, 69.4607**.

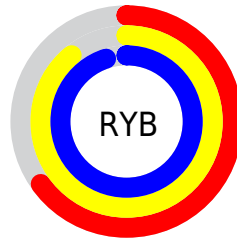
Distribution



Red (65%)

Green (95%)

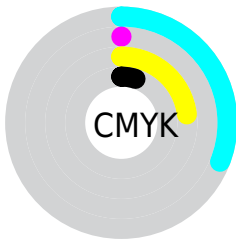
Blue (73%)



Red (65%)

Yellow (89%)

Blue (95%)

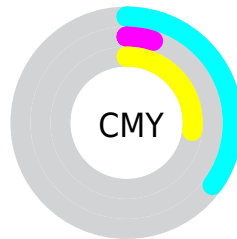


Cyan (31%)

Magenta (0%)

Yellow (23%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6581, 75.3076, 58.5633 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 56.6581, 75.3076, 58.5633 by changing the saturation by 10% instead.

■ 56.6581, 75.3076,
58.5633

■ 56.6581, 75.3076,
58.5633

402.2019,
478.9742, 436.9384

■ 40.9699, 55.8649,
41.8440

■ 99.1004, 126.7477,
104.2656

■ 28.4831, 40.0946,
28.6545

■ 126.5851,
159.5139, 134.0856

■ 18.8325, 27.6123,
18.5763

158.7328,
197.4901, 169.1096

■ 11.6526, 18.0336,
11.1908

195.9087,
241.0606, 209.7562

■ 6.5781, 10.9741,
6.0795

238.4782,
290.6099, 256.4438

■ 3.2436, 6.0495,
2.8239


286.8066,


■ 1.2839, 2.8752,


346.5223, 309.5910

1.0055


341.2594,
409.1823, 369.6163


 0.1711, 1.0669,
0.0000


 0.0000, 0.0000,
0.0000

 56.6581, 75.3076,
58.5633


 56.6581, 75.3076,
58.5633


 50.2322, 72.2032,
48.9508


 64.2795, 79.0054,
69.4607


 44.9339, 69.6518,
40.5707

 73.1477, 83.3158,
81.6828

 40.6972, 67.6226,
33.3743

 83.3185, 88.2688,
95.2741

 37.4470, 66.0779,
27.3078

 91.0436, 91.9871,
107.5645

■ 35.0975, 64.9748,
22.3129

■ 33.5473, 64.2623,
18.3261

■ 32.6942, 63.8834,
15.5380

Harmonies

Analogous

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



62.5999, 75.3076, 44.2896



56.6581, 75.3076, 58.5633



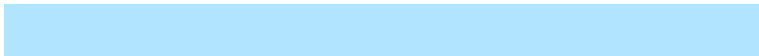
54.6280, 75.3076, 82.4378

Triad

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



56.6581, 75.3076, 58.5633



71.7313, 75.3076, 147.1991



88.7328, 75.3076, 57.9567

Complementary

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



56.6581, 75.3076, 58.5633



63.6240, 51.7903, 75.7535

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.



91.7140, 75.3076, 81.5581



56.6581, 75.3076, 58.5633



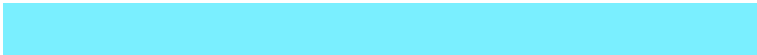
81.3751, 75.3076, 136.6534

Square

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



56.6581, 75.3076, 58.5633



62.8435, 75.3076, 137.2725



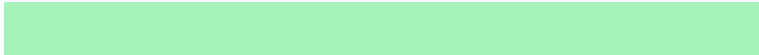
88.9101, 75.3076, 110.9723



81.0857, 75.3076, 43.9986

Rectangle

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



56.6581, 75.3076, 58.5633



55.6093, 75.3076, 101.9600



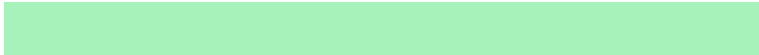
88.9101, 75.3076, 110.9723



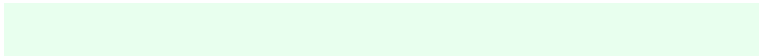
90.3429, 75.3076, 64.8265

Sweetspot

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



56.6601, 75.3107, 58.5650



84.5125, 94.8672, 94.8768



69.2385, 82.0256, 48.7432



17.7490, 20.1399, 19.8479



0.0000, 0.0000, 0.0000



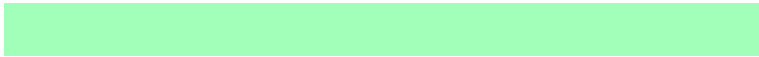
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6601, 75.3107, 58.5650



59.2302, 82.5978, 59.1695



61.0438, 77.0642, 81.6493



15.7390, 17.7256, 17.6484



17.6110, 34.3364, 8.6006



1.5050, 2.8724, 0.9255

Inverse Universe

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



63.6240, 51.7903, 75.7535



68.1843, 52.3318, 81.2528



59.2752, 50.0507, 52.8531



16.2639, 15.9553, 18.9456



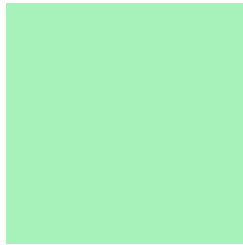
24.0194, 11.8802, 23.8165



2.0392, 1.0047, 2.1971

Previews

White Background



This preview shows how the XYZ color 56.6581, 75.3076, 58.5633 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 56.6581, 75.3076, 58.5633 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

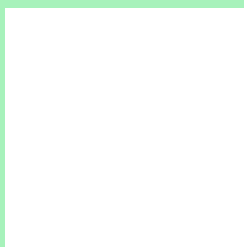
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6581, 75.3076, 58.5633

Background



This preview shows how black text looks on a background with the XYZ color 56.6581, 75.3076, 58.5633.



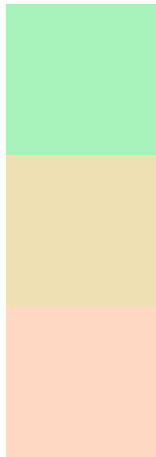
This preview shows how white text looks on a background with the XYZ color 56.6581, 75.3076,

58.5633.

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

56.6581, 75.3076, 58.5633

Protanopia

69.9514, 74.7028, 52.8517

Deuteranopia

75.6462, 74.3119, 61.9864



Tritanopia

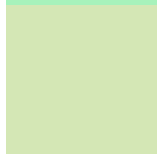
65.5320, 75.0094, 103.1198

Trichromacy



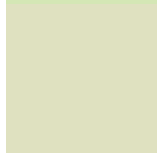
Original Color

56.6581, 75.3076, 58.5633



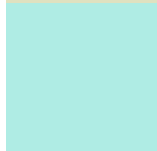
Protanomaly

64.0678, 74.4851, 54.7164



Deuteranomaly

66.8711, 73.3442, 60.5015



Tritanomaly

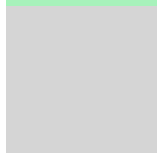
61.6782, 74.7063, 84.5678

Monochromacy



Original Color

56.6581, 75.3076, 58.5633



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.3197, 69.4067, 67.3444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6581, 75.3076, 58.5633 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(167, 242, 187)` looks like.

```
.text, #text, p{  
    color:rgb(167, 242, 187)  
}
```

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(167, 242, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 242, 187) }
```

Border

The CSS property to change the border of an element to XYZ 56.6581, 75.3076, 58.5633 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(167, 242, 187) }
```


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

```
.border{ border-color:rgb(167, 242, 187) }
```

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

Here you see how a box with a 4 pixel rgb(167, 242, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 242, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 242, 187);  
box-shadow:4px 4px 4px 4px rgb(167, 242,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6581, 75.3076, 58.5633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 242, 187) }
```

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

```
.background{ background-color: rgb(167,  
242, 187) }
```

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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