

Converting Colors

XYZ(55.9274, 76.6899, 56.2905)

Have a look what the booklet for
XYZ(55.9274, 76.6899, 56.2905)
contains.

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Color

**XYZ(55.8965, 76.7625,
56.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	A0F6B6
RGB	160, 246, 182
RGB Percent	63%, 96%, 71%
CMY	0.3725, 0.0353, 0.2863
CMYK	0.35, 0.00, 0.26, 0.04
HSL	135°, 83%, 80%
HSV	135°, 35%, 96%
XYZ	55.8965, 76.7625, 56.1266
YIQ	212.9900, -30.7120, -38.1360

Conversions

Conversions Part 2

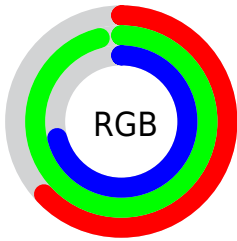
Format	Color
RYB	160, 228, 246
Decimal	10548918
CIELab	90.21, -38.90, 22.76
CIElCh	90, 45.073, 149.667
Yxy	76.7625, 0.2961, 0.4066
Android (android.graphics.Color)	4288738998 (0xFFA0F6B6)
YUV	212.9900, -15.2781, -46.4722
Hunter-Lab	87.6142, -39.4447, 23.3481

Details

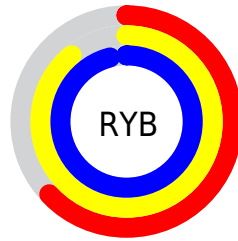
The XYZ color **55.8965, 76.7625, 56.1266** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.0340, 50.1180, 76.8229**, and the grayscale version is **63.3545, 66.6539, 72.5861**.

A 20% lighter version of the original color is **79.8079, 92.4448, 94.5262**, and **27.9857, 40.9834, 27.2045** is the 20% darker color. If you saturate the color by 10%, you get **49.6869, 73.7680, 46.5975**, and if you desaturate by 10%, it is **63.3306, 80.3640, 67.0075**.

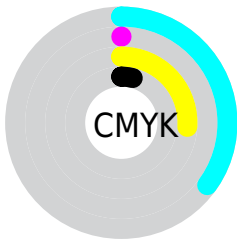
Distribution



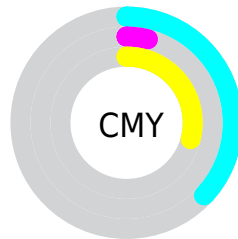
- Red (63%)
- Green (96%)
- Blue (71%)



- Red (63%)
- Yellow (89%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)





- Cyan (37%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8965, 76.7625, 56.1266 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 55.8965, 76.7625, 56.1266 by changing the saturation by 10% instead.


 55.8965, 76.7625,
56.1266


 55.8965, 76.7625,
56.1266

399.3827,
483.9539, 427.5701

 40.3566, 57.0580,
39.8998


 97.9939, 128.8042,
100.6773

 28.0022, 41.0518,
27.1472


 125.2822,
161.9101, 129.8382

 18.4677, 28.3596,
17.4504


157.2173,
200.2520, 164.1476

 11.3880, 18.5969,
10.3908

194.1645,
244.2141, 204.0240

 6.3977, 11.3794,
5.5498

236.4894,
294.1810, 249.8859

 3.1313, 6.3226,
2.5090


284.5571,


 1.2236, 3.0422,


350.5370, 302.1518


0.8449


338.7331,
413.6665, 361.2404


 0.1249, 1.1538,
0.0000


 0.0000, 0.0235,
0.0000


 55.8965, 76.7625,
56.1266


 55.8965, 76.7625,
56.1266


 49.6869, 73.7680,
46.5975


 63.3306, 80.3640,
67.0075

 44.6285, 71.3373,
38.3623

 72.0450, 84.5937,
79.2849

 40.6494, 69.4368,
31.3662

 82.0994, 89.4836,
93.0079

 37.6669, 68.0249,
25.5488

 92.2472, 94.3944,
107.9657

■ 35.5855, 67.0539,
20.8442

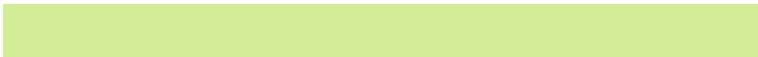
■ 34.2893, 66.4654,
17.1798

■ 33.8525, 66.2725,
15.7001

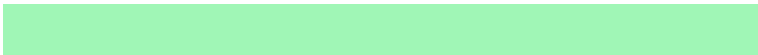
Harmonies

Analogous

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



62.8055, 76.7625, 40.6060



55.8965, 76.7625, 56.1266



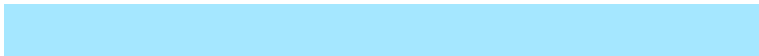
53.4630, 76.7625, 83.2232

Triad

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



55.8965, 76.7625, 56.1266



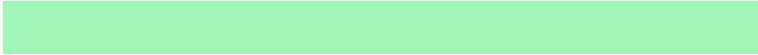
72.8353, 76.7625, 161.7337



93.3330, 76.7625, 56.6043

Complementary

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



55.8965, 76.7625, 56.1266



64.0340, 50.1180, 76.8229

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.



96.7011, 76.7625, 83.9405



55.8965, 76.7625, 56.1266



84.1549, 76.7625, 149.4951

Square

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



55.8965, 76.7625, 56.1266



62.6095, 76.7625, 148.9672



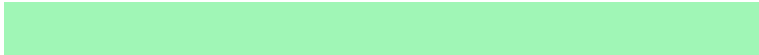
93.1855, 76.7625, 118.7848



84.3937, 76.7625, 40.8281

Rectangle

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



55.8965, 76.7625, 56.1266



54.4910, 76.7625, 106.1205



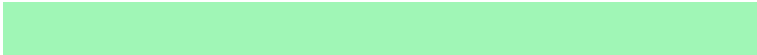
93.1855, 76.7625, 118.7848



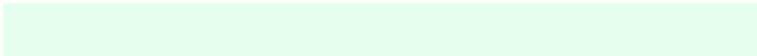
95.1926, 76.7625, 64.4834

Sweetspot

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



55.8985, 76.7657, 56.1283



83.3766, 94.3179, 93.1853



70.1995, 84.3805, 45.8457



17.5207, 20.0297, 19.5004



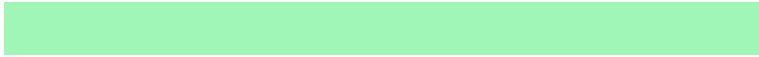
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.8985, 76.7657, 56.1283



55.7218, 80.9134, 53.3917



60.9778, 78.7974, 82.8755



16.4561, 18.5416, 18.4204



18.1162, 35.3913, 8.6317



1.6323, 3.1266, 0.9695

Inverse Universe

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



64.0340, 50.1180, 76.8229



65.7627, 47.9878, 78.9064



58.9710, 48.0928, 50.1617



17.0220, 16.6916, 19.8622



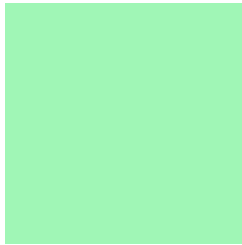
24.9121, 12.3083, 25.3095



2.2310, 1.0984, 2.4426

Previews

White Background



This preview shows how the XYZ color 55.8965, 76.7625, 56.1266 looks on a white background.

Color Contrast Check

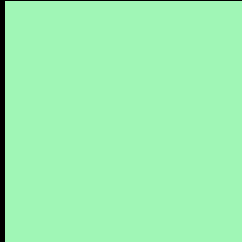
Large Text (above 18pt) WCAG AA × Fail

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 55.8965, 76.7625, 56.1266 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

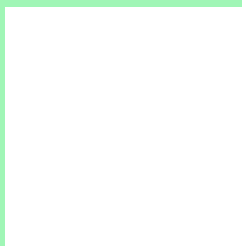
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8965, 76.7625, 56.1266

Background



This preview shows how black text looks on a background with the XYZ color 55.8965, 76.7625, 56.1266.

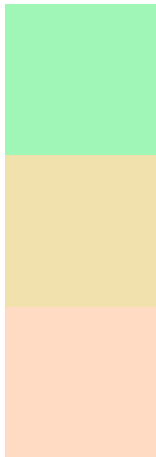


This preview shows how white text looks on a background with the XYZ color 55.8965, 76.7625,

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

55.8965, 76.7625, 56.1266

Protanopia

71.0148, 76.1106, 50.4831

Deuteranopia

76.5353, 75.9086, 62.8425



Tritanopia

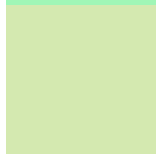
65.9499, 76.4410, 105.8864

Trichromacy



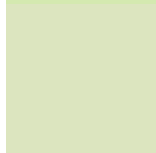
Original Color

55.8965, 76.7625, 56.1266



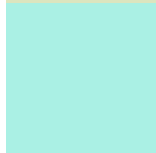
Protanomaly

64.1268, 75.4095, 52.2499



Deuteranomaly

66.9385, 75.0159, 60.2417



Tritanomaly

61.7412, 76.4677, 84.9044

Monochromacy



Original Color

55.8965, 76.7625, 56.1266



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.8340, 69.5840, 66.1546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8965, 76.7625, 56.1266 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(160, 246, 182)` looks like.

```
.text, #text, p{  
    color:rgb(160, 246, 182)  
}
```

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(160, 246, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 246, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.8965, 76.7625, 56.1266 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(160, 246, 182) }
```


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

```
.border{ border-color:rgb(160, 246, 182) }
```

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

Here you see how a box with a 4 pixel rgb(160, 246, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 246, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 246, 182);  
box-shadow:4px 4px 4px 4px rgb(160, 246,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8965, 76.7625, 56.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 246, 182) }
```

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

```
.background{ background-color: rgb(160,  
246, 182) }
```

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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