

Converting Colors

XYZ(54.0101, 67.0741, 69.3514)

Have a look what the booklet for
XYZ(54.0101, 67.0741, 69.3514)
contains.

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Color

**XYZ(53.7687, 66.7902,
69.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E2CF
RGB	164, 226, 207
RGB Percent	64%, 89%, 81%
CMY	0.3569, 0.1137, 0.1882
CMYK	0.27, 0.00, 0.08, 0.11
HSL	162°, 52%, 76%
HSV	162°, 27%, 89%
XYZ	53.7687, 66.7902, 69.0894
YIQ	205.2960, -30.8530, -19.0530

Conversions

Conversions Part 2

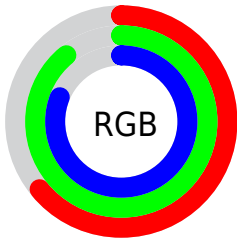
Format	Color
RYB	164, 201, 226
Decimal	10805967
CIELab	85.40, -23.54, 2.96
CIELCh	85, 23.722, 172.828
Yxy	66.7902, 0.2835, 0.3522
Android (android.graphics.Color)	4288996047 (0xFFA4E2CF)
YUV	205.2960, 0.8401, -36.2166
Hunter-Lab	81.7253, -25.5805, 7.0848

Details

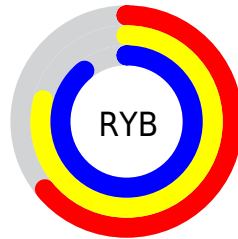
The XYZ color **53.7687, 66.7902, 69.0894** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1891, 46.1404, 50.9051**, and the grayscale version is **58.2271, 61.2595, 66.7116**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **26.5549, 34.3644, 35.3704** is the 20% darker color. If you saturate the color by 10%, you get **48.6846, 64.2668, 64.5284**, and if you desaturate by 10%, it is **59.7225, 69.7612, 73.8880**.

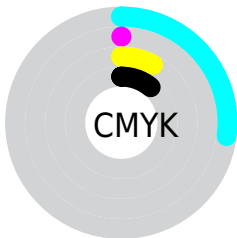
Distribution



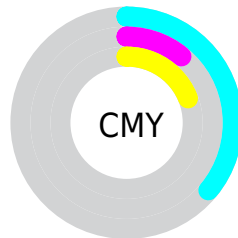
- Red (64%)
- Green (89%)
- Blue (81%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)





- Cyan (36%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7687, 66.7902, 69.0894 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 53.7687, 66.7902, 69.0894 by changing the saturation by 10% instead.


 53.7687, 66.7902,
69.0894


 53.7687, 66.7902,
69.0894

391.4401,
449.1976, 476.0487

 38.6467, 48.9141,
50.3123


 94.8934, 114.6197,
119.5782

 26.6645, 34.5514,
35.2887


 121.6269,
145.3420, 152.1269

 17.4567, 23.3175,
23.6000


152.9615,
181.1152, 190.1033

 10.6579, 14.8281,
14.8277

189.2627,
222.3236, 233.9259

 5.9029, 8.6988,
8.5533

230.8958,
269.3516, 284.0131

 2.8262, 4.5453,
4.3582

278.2262,

 1.0625, 1.9830,

322.5837, 340.7837

1.8238

331.6192,
382.4042, 404.6560

0.0000, 0.5976,
0.4436

0.0000, 0.0000,
0.0000

53.7687, 66.7902,
69.0894

53.7687, 66.7902,
69.0894

48.6846, 64.2668,
64.5284

59.7225, 69.7612,
73.8880

44.4203, 62.1599,
60.1958

66.5814, 73.1928,
78.9238

40.9291, 60.4474,
56.0884

74.3859, 77.1074,
84.2027

38.1575, 59.1018,
52.2011

83.1720, 81.5236,
89.7286

■ 36.0446, 58.0916,
48.5285

■ 84.4098, 82.0440,
95.1046

■ 34.5192, 57.3804,
45.0646

■ 85.4681, 82.4673,
100.6778

■ 33.4861, 56.9189,
41.8022

■ 86.4875, 82.8751,
106.0458

■ 33.2610, 56.8205,
40.9953

Harmonies

Analogous

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



55.5967, 66.7902, 56.2628



53.7687, 66.7902, 69.0894



54.4237, 66.7902, 84.8234

Triad

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



53.7687, 66.7902, 69.0894



67.5773, 66.7902, 103.5624



69.9347, 66.7902, 51.5930

Complementary

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



53.7687, 66.7902, 69.0894



53.1891, 46.1404, 50.9051

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.



73.4936, 66.7902, 61.8322



53.7687, 66.7902, 69.0894



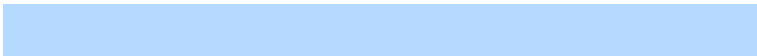
72.0799, 66.7902, 92.1164

Square

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



53.7687, 66.7902, 69.0894



62.2003, 66.7902, 106.2266



74.3000, 66.7902, 76.4822



64.7814, 66.7902, 47.1283

Rectangle

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



53.7687, 66.7902, 69.0894



56.1990, 66.7902, 94.7608



74.3000, 66.7902, 76.4822



71.3687, 66.7902, 54.3981

Sweetspot

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



53.7706, 66.7929, 69.0909



86.9486, 95.9380, 103.3516



53.5788, 67.2210, 45.2742



18.3039, 20.3811, 21.9031



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.



53.7706, 66.7929, 69.0909



66.6940, 85.8299, 87.3338



53.2466, 61.8004, 81.0769



13.9283, 15.4971, 16.6578



19.0299, 32.4368, 23.6781



1.3585, 2.2641, 1.8488

Inverse Universe

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



53.1891, 46.1404, 50.9051



65.8115, 54.3439, 59.6285



53.4684, 49.6538, 41.8892



13.8793, 13.7694, 15.1347



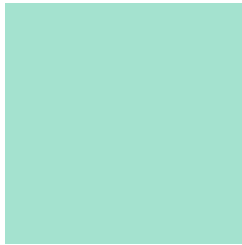
18.5573, 9.4899, 4.3346



1.3254, 0.6734, 0.5065

Previews

White Background



This preview shows how the XYZ color 53.7687, 66.7902, 69.0894 looks on a white background.

Color Contrast Check

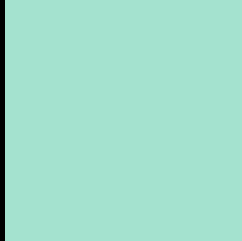
Large Text (above 18pt) WCAG AA × Fail

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 53.7687, 66.7902, 69.0894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

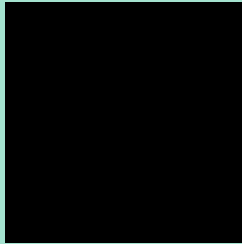
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

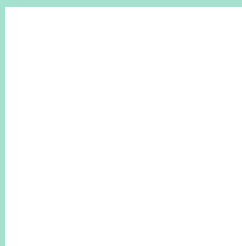
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7687, 66.7902, 69.0894

Background



This preview shows how black text looks on a background with the XYZ color 53.7687, 66.7902, 69.0894.



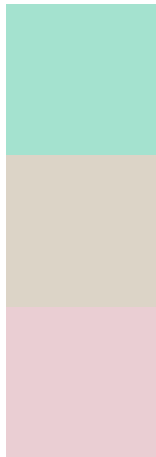
This preview shows how white text looks on a background with the XYZ color 53.7687, 66.7902,

69.0894.

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

53.7687, 66.7902, 69.0894

Protanopia

63.3675, 66.4261, 63.5145

Deuteranopia

67.7609, 66.3382, 70.8612



Tritanopia

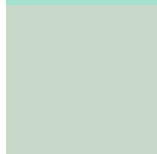
58.2310, 66.6028, 91.4479

Trichromacy



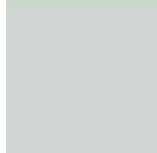
Original Color

53.7687, 66.7902, 69.0894



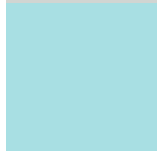
Protanomaly

59.2929, 66.1693, 65.5240



Deuteranomaly

61.7216, 65.7970, 70.4198



Tritanomaly

56.4013, 66.6462, 82.5644

Monochromacy



Original Color

53.7687, 66.7902, 69.0894



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

56.1700, 62.9919, 67.5907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7687, 66.7902, 69.0894 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(164, 226, 207)` looks like.

```
.text, #text, p{  
    color:rgb(164, 226, 207)  
}
```

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(164, 226, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.7687, 66.7902, 69.0894 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(164, 226, 207) }
```


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

```
.border{ border-color:rgb(164, 226, 207) }
```

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

Here you see how a box with a 4 pixel rgb(164, 226, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 226, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 226, 207);  
box-shadow:4px 4px 4px 4px rgb(164, 226,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7687, 66.7902, 69.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 207) }
```

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

```
.background{ background-color: rgb(164,  
226, 207) }
```

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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