

Converting Colors

XYZ(51.6865, 69.7474, 56.0858)

Have a look what the booklet for
XYZ(51.6865, 69.7474, 56.0858)
contains.

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Color

**XYZ(51.6865, 69.7474,
56.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	9AEBB8
RGB	154, 235, 184
RGB Percent	60%, 92%, 72%
CMY	0.3961, 0.0784, 0.2784
CMYK	0.34, 0.00, 0.22, 0.08
HSL	142°, 67%, 76%
HSV	142°, 34%, 92%
XYZ	51.6865, 69.7474, 56.0858
YIQ	204.9670, -31.9050, -33.0330

Conversions

Conversions Part 2

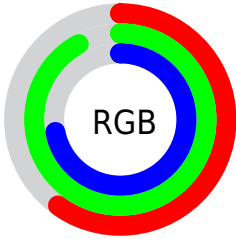
Format	Color
RYB	154, 213, 235
Decimal	10152888
CIELab	86.87, -35.30, 17.04
CIELCh	87, 39.201, 154.228
Yxy	69.7474, 0.2912, 0.3929
Android (android.graphics.Color)	4288342968 (0xFF9AEBB8)
YUV	204.9670, -10.3367, -44.6981
Hunter-Lab	83.5149, -35.6793, 18.6433

Details

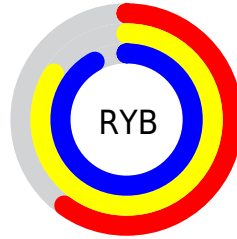
The XYZ color **51.6865, 69.7474, 56.0858** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **56.8384, 45.1828, 63.4859**, and the grayscale version is **58.0871, 61.1121, 66.5511**.

A 20% lighter version of the original color is **78.0665, 91.5129, 95.9873**, and **25.4724, 36.5882, 27.1924** is the 20% darker color. If you saturate the color by 10%, you get **46.1734, 67.0772, 48.1507**, and if you desaturate by 10%, it is **58.2412, 72.9397, 64.9196**.

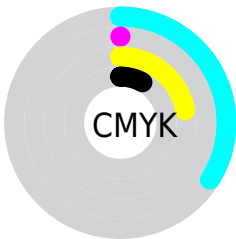
Distribution



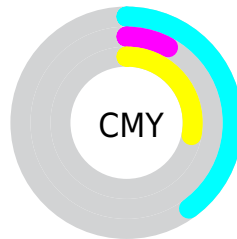
- Red (60%)
- Green (92%)
- Blue (72%)



- Red (60%)
- Yellow (84%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)





- Cyan (40%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6865, 69.7474, 56.0858 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 51.6865, 69.7474, 56.0858 by changing the saturation by 10% instead.


 51.6865, 69.7474,
56.0858


 51.6865, 69.7474,
56.0858


383.5690,
459.6626, 427.4122

 36.9785, 51.3206,
39.8673


 91.8457, 118.8485,
100.6171

 25.3645, 36.4638,
27.1221


 118.0276,
150.2915, 129.7669

 16.4790, 24.7926,
17.4317


148.7649,
186.8422, 164.0642

 9.9567, 15.9226,
10.3775

184.4229,
228.8848, 203.9275

 5.4323, 9.4694,
5.5411

225.3669,
276.8037, 249.7755

 2.5404, 5.0486,
2.5039

271.9624,

 0.9157, 2.2758,

330.9834, 302.0265

0.8422

324.5746,
391.8082, 361.0992

0.0000, 0.7609,
0.0000

0.0000, 0.0000,
0.0000

51.6865, 69.7474,
56.0858

51.6865, 69.7474,
56.0858

46.1734, 67.0772,
48.1507

58.2412, 72.9397,
64.9196

41.6400, 64.8919,
41.0812

65.8838, 76.6716,
74.6746

38.0263, 63.1632,
34.8485

74.6645, 80.9704,
85.3784

35.2630, 61.8559,
29.4208

84.6287, 85.8590,
97.0561

■ 33.2702, 60.9296,
24.7640

■ 88.9997, 87.8993,
106.8832

■ 31.9512, 60.3351,
20.8410

■ 31.4314, 60.1080,
18.9700

Harmonies

Analogous

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



56.8867, 69.7474, 41.4543



51.6865, 69.7474, 56.0858



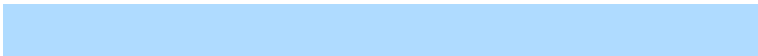
50.2589, 69.7474, 79.7161

Triad

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



51.6865, 69.7474, 56.0858



67.5975, 69.7474, 138.0425



81.9185, 69.7474, 50.9947

Complementary

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



51.6865, 69.7474, 56.0858



56.8384, 45.1828, 63.4859

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.



85.4187, 69.7474, 72.2910



51.6865, 69.7474, 56.0858



76.6826, 69.7474, 125.6480

Square

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



51.6865, 69.7474, 56.0858



58.9382, 69.7474, 130.9129



83.4202, 69.7474, 100.0082



74.2351, 69.7474, 39.0239

Rectangle

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



51.6865, 69.7474, 56.0858



51.5170, 69.7474, 98.5377



83.4202, 69.7474, 100.0082



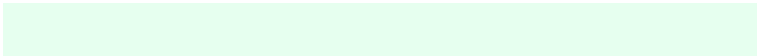
83.6539, 69.7474, 57.0968

Sweetspot

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



51.6884, 69.7503, 56.0874



83.8046, 94.4891, 95.4393



60.8032, 74.7748, 41.8010



17.6238, 20.0709, 20.0432



0.0000, 0.0000, 0.0000



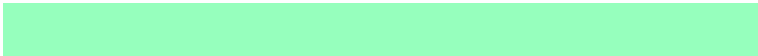
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6884, 69.7503, 56.0874



57.6245, 81.7284, 60.9795



56.5187, 71.6824, 81.5236



15.0990, 16.9544, 17.2041



17.5488, 33.4740, 10.8548



1.4231, 2.6466, 1.0899

Inverse Universe

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



56.8384, 45.1828, 63.4859



64.6491, 48.1889, 71.0490



52.5919, 43.4842, 41.1244



15.4645, 15.2136, 17.7312



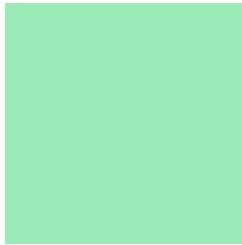
22.1048, 11.0446, 16.8853



1.7819, 0.8857, 1.5691

Previews

White Background



This preview shows how the XYZ color 51.6865, 69.7474, 56.0858 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 51.6865, 69.7474, 56.0858 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 51.6865, 69.7474, 56.0858

Background



This preview shows how black text looks on a background with the XYZ color 51.6865, 69.7474, 56.0858.

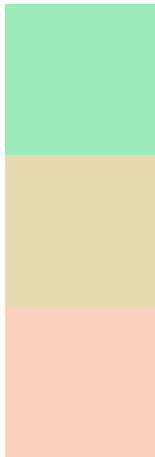


This preview shows how white text looks on a background with the XYZ color 51.6865, 69.7474,

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

51.6865, 69.7474, 56.0858

Protanopia

64.9269, 69.0299, 50.4595

Deuteranopia

70.4525, 69.0928, 58.3382



Tritanopia

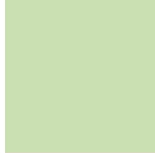
59.8869, 69.7462, 96.6922

Trichromacy



Original Color

51.6865, 69.7474, 56.0858



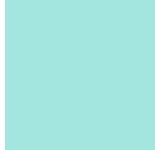
Protanomaly

58.7807, 68.5463, 52.2522



Deuteranomaly

61.5891, 67.9198, 57.4407



Tritanomaly

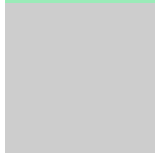
56.5164, 69.6027, 80.2680

Monochromacy



Original Color

51.6865, 69.7474, 56.0858



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.8836, 63.5821, 62.2032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6865, 69.7474, 56.0858 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(154, 235, 184)` looks like.

```
.text, #text, p{  
    color:rgb(154, 235, 184)  
}
```

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(154, 235, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 235, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.6865, 69.7474, 56.0858 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(154, 235, 184) }
```


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

```
.border{ border-color:rgb(154, 235, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 235, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 235, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 235, 184);  
box-shadow:4px 4px 4px 4px rgb(154, 235,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6865, 69.7474, 56.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 235, 184) }
```

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

```
.background{ background-color: rgb(154,  
235, 184) }
```

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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