

Converting Colors

XYZ(56.8078, 68.9059, 88.1029)

Have a look what the booklet for
XYZ(56.8078, 68.9059, 88.1029)
contains.

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Color

**XYZ(56.6952, 68.6964,
88.1135)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE4EA
RGB	158, 228, 234
RGB Percent	62%, 89%, 92%
CMY	0.3804, 0.1059, 0.0823
CMYK	0.32, 0.03, 0.00, 0.08
HSL	185°, 64%, 77%
HSV	185°, 32%, 92%
XYZ	56.6952, 68.6964, 88.1135
YIQ	207.7540, -43.6460, -12.9740

Conversions

Conversions Part 2

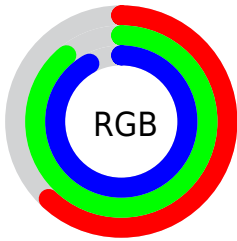
Format	Color
R _Y B	158, 194, 234
Decimal	10413290
CIE Lab	86.35, -20.28, -9.90
CIE LCh	86, 22.574, 206.026
Yxy	68.6964, 0.2655, 0.3218
Android (android.graphics.Color)	4288603370 (0xFF9EE4EA)
YUV	207.7540, 12.9393, -43.6343
Hunter-Lab	82.8833, -22.9452, -5.0131

Details

The XYZ color **56.6952, 68.6964, 88.1135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3796, 46.5126, 38.5136**, and the grayscale version is **59.7357, 62.8466, 68.4399**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **28.3819, 35.6030, 47.4957** is the 20% darker color. If you saturate the color by 10%, you get **52.0186, 65.5371, 87.7513**, and if you desaturate by 10%, it is **62.2576, 72.3238, 88.5217**.

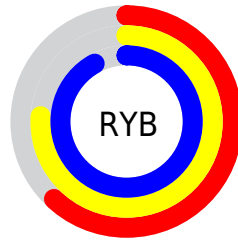
Distribution



Red (62%)

Green (89%)

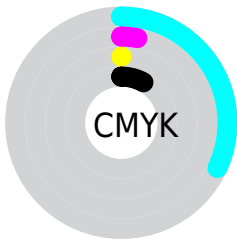
Blue (92%)



Red (62%)

Yellow (76%)

Blue (92%)

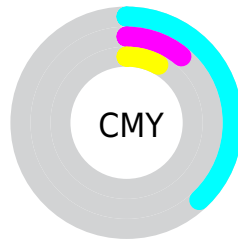


Cyan (32%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (38%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6952, 68.6964, 88.1135 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 56.6952, 68.6964, 88.1135 by changing the saturation by 10% instead.

56.6952, 68.6964,
88.1135

56.6952, 68.6964,
88.1135

402.3389,
455.9595, 542.2858

40.9998, 50.4645,
65.8522

99.1542, 117.3478,
146.6277

28.5066, 35.7826,
47.6967

126.6485,
148.5362, 183.7177

18.8503, 24.2663,
33.2285

158.8065,
184.8121, 226.5876

11.6655, 15.5313,
22.0290

195.9935,
226.5600, 275.6561

6.5869, 9.1931,
13.6797

238.5749,
274.1643, 331.3416

3.2491, 4.8674,
7.7620

286.9160,

1.2868, 2.1696,

328.0094, 394.0627

3.8575

341.3822,
388.4796, 464.2379

■ 0.1733, 0.7034,
1.5475

■ 0.0000, 0.0000,
0.2529

■ 56.6952, 68.6964,
88.1135

■ 56.6952, 68.6964,
88.1135

■ 52.0186, 65.5371,
87.7513

■ 62.2576, 72.3238,
88.5217

■ 48.1719, 62.8119,
87.4281

■ 68.7457, 76.4348,
88.9732

■ 45.1021, 60.4953,
87.1427

■ 76.2042, 81.0543,
89.4717

■ 42.7478, 58.5554,
86.8924

■ 84.6734, 86.2028,
90.0191

■ 41.0379, 56.9557,
86.6737

■ 86.4444, 87.9065,
90.2546

■ 39.8870, 55.6522,
86.4828

■ 86.9826, 88.9827,
90.4340

■ 39.2885, 54.8146,
86.3526

■ 87.5262, 90.0701,
90.6152

■ 88.0754, 91.1685,
90.7983

■ 88.6302, 92.2780,
90.9832

Harmonies

Analogous

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



55.7969, 68.6964, 72.8267



56.6952, 68.6964, 88.1135



59.8515, 68.6964, 101.2173

Triad

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



56.6952, 68.6964, 88.1135



73.9633, 68.6964, 92.0134



65.9910, 68.6964, 49.6621

Complementary

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



56.6952, 68.6964, 88.1135



53.3796, 46.5126, 38.5136

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.



71.0565, 68.6964, 53.4304



56.6952, 68.6964, 88.1135



75.8116, 68.6964, 76.8060

Square

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



56.6952, 68.6964, 88.1135



69.7910, 68.6964, 103.6710



74.7207, 68.6964, 62.8977



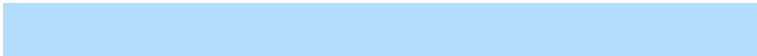
60.9942, 68.6964, 51.8563

Rectangle

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



56.6952, 68.6964, 88.1135



62.9033, 68.6964, 106.2543



74.7207, 68.6964, 62.8977



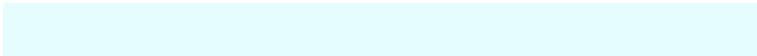
67.7443, 68.6964, 50.2585

Sweetspot

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



56.6972, 68.6991, 88.1151



85.6443, 94.2032, 108.2768



50.1416, 68.7628, 45.3129



18.0693, 19.9999, 23.1580



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.



56.6972, 68.6991, 88.1151



64.9806, 80.8576, 106.7900



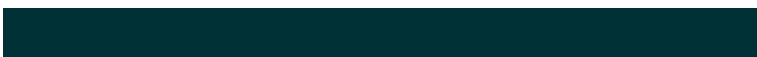
47.5695, 50.4436, 85.0725



15.4101, 16.9066, 19.3733



22.1209, 30.8887, 48.5392



1.7672, 2.4860, 3.8216

Inverse Universe

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



60.1638, 47.5492, 79.4088



69.8651, 51.6110, 94.3983



61.0068, 61.7669, 41.0560



15.6605, 15.2921, 18.7637



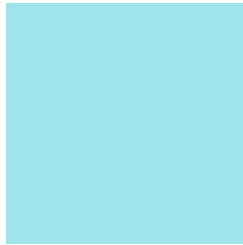
26.0209, 12.6110, 37.5069



2.0585, 0.9964, 3.0255

Previews

White Background



This preview shows how the XYZ color 56.6952, 68.6964, 88.1135 looks on a white background.

Color Contrast Check

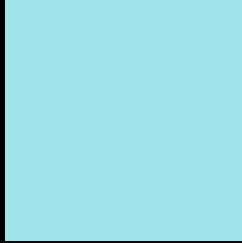
Large Text (above 18pt) WCAG AA × Fail

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 56.6952, 68.6964, 88.1135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

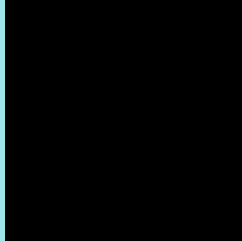
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6952, 68.6964, 88.1135

Background



This preview shows how black text looks on a background with the XYZ color 56.6952, 68.6964, 88.1135.

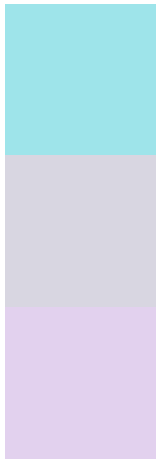


This preview shows how white text looks on a background with the XYZ color 56.6952, 68.6964,

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

56.6952, 68.6964, 88.1135

Protanopia

65.9561, 68.1283, 80.9080

Deuteranopia

69.5971, 67.9427, 90.3350



Tritanopia

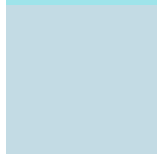
58.3757, 68.5624, 96.5433

Trichromacy



Original Color

56.6952, 68.6964, 88.1135



Protanomaly

61.8408, 67.8666, 83.2390



Deuteranomaly

63.9293, 67.6437, 89.8079



Tritanomaly

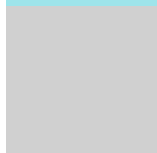
57.8435, 68.7626, 93.4429

Monochromacy



Original Color

56.6952, 68.6964, 88.1135



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

58.0600, 64.5578, 75.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6952, 68.6964, 88.1135 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(158, 228, 234)` looks like.

```
.text, #text, p{  
    color:rgb(158, 228, 234)  
}
```

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(158, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 228, 234) }
```

Border

The CSS property to change the border of an element to XYZ 56.6952, 68.6964, 88.1135 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(158, 228, 234) }
```


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

```
.border{ border-color:rgb(158, 228, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 228, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(158, 228,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6952, 68.6964, 88.1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 228, 234) }
```

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

```
.background{ background-color: rgb(158,  
228, 234) }
```

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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