

Converting Colors

XYZ(56.5236, 67.9871, 69.1296)

Have a look what the booklet for
XYZ(56.5236, 67.9871, 69.1296)
contains.

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Color

**XYZ(56.3192, 67.7025,
69.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E1CF
RGB	177, 225, 207
RGB Percent	69%, 88%, 81%
CMY	0.3059, 0.1176, 0.1882
CMYK	0.21, 0.00, 0.08, 0.12
HSL	157°, 44%, 79%
HSV	157°, 21%, 88%
XYZ	56.3192, 67.7025, 69.1310
YIQ	208.5960, -22.8300, -15.7740

Conversions

Conversions Part 2

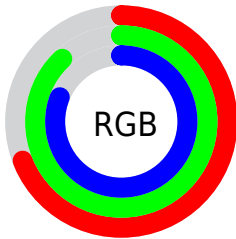
Format	Color
RYB	177, 207, 225
Decimal	11657679
CIELab	85.86, -19.08, 3.72
CIELCh	86, 19.439, 168.968
Yxy	67.7025, 0.2916, 0.3505
Android (android.graphics.Color)	4289847759 (0xFFB1E1CF)
YUV	208.5960, -0.7868, -27.7097
Hunter-Lab	82.2815, -21.8149, 7.7830

Details

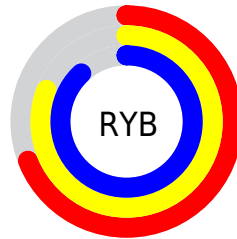
The XYZ color **56.3192, 67.7025, 69.1310** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6262, 51.3938, 58.5683**, and the grayscale version is **60.3583, 63.5017, 69.1533**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **28.4367, 35.3344, 35.4584** is the 20% darker color. If you saturate the color by 10%, you get **50.6067, 64.8755, 63.6221**, and if you desaturate by 10%, it is **62.9357, 70.9928, 74.9729**.

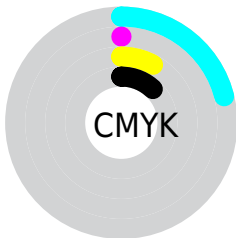
Distribution



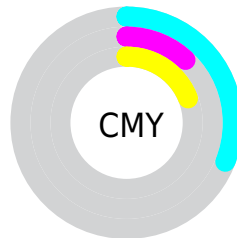
- Red (69%)
- Green (88%)
- Blue (81%)



- Red (69%)
- Yellow (81%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (31%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3192, 67.7025, 69.1310 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 56.3192, 67.7025, 69.1310 by changing the saturation by 10% instead.

■ 56.3192, 67.7025,
69.1310

■ 56.3192, 67.7025,
69.1310

400.9489,
452.4412, 476.1993

■ 40.6969, 49.6557,
50.3460

■ 98.6082, 115.9264,
119.6381

■ 28.2690, 35.1399,
35.3153

126.0057,
146.8724, 152.1973

■ 18.6700, 23.7707,
23.6203

158.0589,
182.8869, 190.1850

■ 11.5347, 15.1636,
14.8426

195.1332,
224.3544, 234.0197

■ 6.4976, 8.9343,
8.5636

237.5940,
271.6591, 284.1199

■ 3.1935, 4.6983,
4.3648


285.8067,

■ 1.2569, 2.0714,


325.1856, 340.9042


1.8275


340.1365,
385.3182, 404.7912


 0.1506, 0.6485,
0.4460


 0.0000, 0.0000,
0.0000


 56.3192, 67.7025,
69.1310


 56.3192, 67.7025,
69.1310


 50.6067, 64.8755,
63.6221


 62.9357, 70.9928,
74.9729

 45.7502, 62.4816,
58.4354

 70.4897, 74.7582,
81.1495

 41.7060, 60.5003,
53.5655

 79.0203, 79.0204,
87.6683

 38.4237, 58.9058,
49.0055

 84.0072, 81.4492,
94.3218

■ 35.8476, 57.6693,
44.7479

■ 85.2957, 81.9646,
101.1071

■ 33.9134, 56.7579,
40.7849

■ 86.2164, 82.3329,
105.9555

■ 32.5447, 56.1323,
37.1078

■ 31.7058, 55.7646,
34.1432

Harmonies

Analogous

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



58.1146, 67.7025, 58.7863



56.3192, 67.7025, 69.1310



56.5998, 67.7025, 81.9629

Triad

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



56.3192, 67.7025, 69.1310



67.1676, 67.7025, 99.3737



70.1249, 67.7025, 56.7500

Complementary

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



56.3192, 67.7025, 69.1310



56.6262, 51.3938, 58.5683

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.



72.7755, 67.7025, 66.0427



56.3192, 67.7025, 69.1310



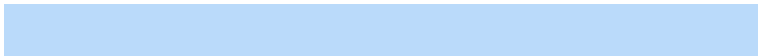
71.0145, 67.7025, 90.9821

Square

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



56.3192, 67.7025, 69.1310



62.7275, 67.7025, 100.4476



73.1083, 67.7025, 78.5004



65.9986, 67.7025, 52.2060

Rectangle

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



56.3192, 67.7025, 69.1310



57.9299, 67.7025, 90.2074



73.1083, 67.7025, 78.5004



71.2260, 67.7025, 59.3689

Sweetspot

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



56.3211, 67.7053, 69.1325



88.7332, 96.8487, 103.8537



57.4725, 68.6832, 51.8242



18.8514, 20.6593, 22.1135



0.0000, 0.0000, 0.0000



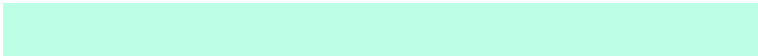
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3211, 67.7053, 69.1325



70.9738, 88.0212, 88.2112



57.1603, 65.6581, 80.8980



13.8872, 15.4806, 16.4413



18.3279, 32.1560, 19.9815



1.3134, 2.2461, 1.6114

Inverse Universe

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



56.6262, 51.3938, 58.5683



71.4553, 62.3591, 71.5981



55.8404, 52.8859, 48.8611



13.9188, 13.7851, 15.3425



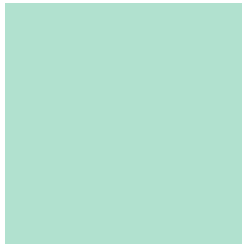
18.8762, 9.6175, 6.0140



1.3508, 0.6836, 0.6404

Previews

White Background



This preview shows how the XYZ color 56.3192, 67.7025, 69.1310 looks on a white background.

Color Contrast Check

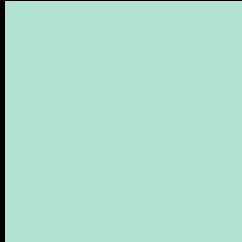
Large Text (above 18pt) WCAG AA × Fail

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 56.3192, 67.7025, 69.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

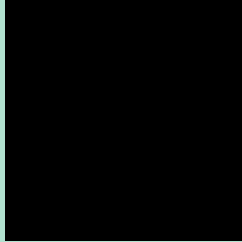
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

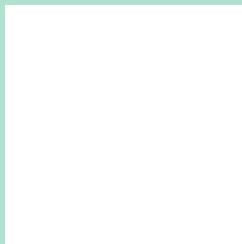
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3192, 67.7025, 69.1310

Background



This preview shows how black text looks on a background with the XYZ color 56.3192, 67.7025, 69.1310.

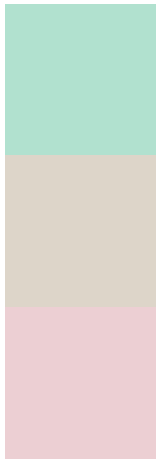


This preview shows how white text looks on a background with the XYZ color 56.3192, 67.7025,

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

56.3192, 67.7025, 69.1310

Protanopia

64.1557, 67.1777, 64.8436

Deuteranopia

68.6628, 67.1617, 70.9726



Tritanopia

60.5543, 67.4267, 90.7120

Trichromacy



Original Color

56.3192, 67.7025, 69.1310

Protanomaly

60.7692, 66.9166, 66.2132

Deuteranomaly

63.7038, 67.1934, 70.5848

Tritanomaly

59.0425, 67.6124, 82.6117

Monochromacy



Original Color

56.3192, 67.7025, 69.1310

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.7116, 65.0253, 69.1312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3192, 67.7025, 69.1310 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(177, 225, 207)` looks like.

```
.text, #text, p{  
    color:rgb(177, 225, 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(177, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 225, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.3192, 67.7025, 69.1310 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(177, 225, 207) }
```


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

```
.border{ border-color:rgb(177, 225, 207) }
```

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

Here you see how a box with a 4 pixel rgb(177, 225, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(177, 225,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3192, 67.7025, 69.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 225, 207) }
```

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

```
.background{ background-color: rgb(177,  
225, 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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