

Converting Colors

XYZ(56.2935, 69.5588, 66.7227)

Have a look what the booklet for
XYZ(56.2935, 69.5588, 66.7227)
contains.

XYZ(56.2544, 69.3491, 66.9207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.2544, 69.3491,
66.9207)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE5CB
RGB	174, 229, 203
RGB Percent	68%, 90%, 80%
CMY	0.3176, 0.1019, 0.2039
CMYK	0.24, 0.00, 0.11, 0.10
HSL	152°, 51%, 79%
HSV	152°, 24%, 90%
XYZ	56.2544, 69.3491, 66.9207
YIQ	209.5910, -24.4340, -19.7460

Conversions

Conversions Part 2

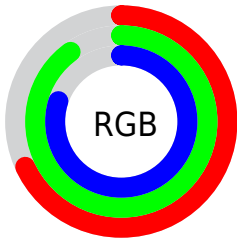
Format	Color
RYB	174, 210, 229
Decimal	11462091
CIELab	86.68, -22.77, 6.98
CIELCh	87, 23.818, 162.950
Yxy	69.3491, 0.2922, 0.3602
Android (android.graphics.Color)	4289652171 (0xFFAAEE5CB)
YUV	209.5910, -3.2494, -31.2133
Hunter-Lab	83.2761, -25.1535, 10.6478

Details

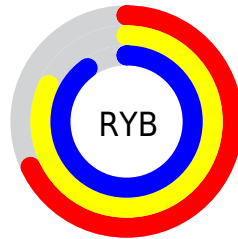
The XYZ color **56.2544, 69.3491, 66.9207** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.8769, 51.1021, 61.4599**, and the grayscale version is **61.0241, 64.2021, 69.9161**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **28.1141, 36.0501, 33.9104** is the 20% darker color. If you saturate the color by 10%, you get **50.3358, 66.4438, 60.1431**, and if you desaturate by 10%, it is **63.1367, 72.7446, 74.2168**.

Distribution



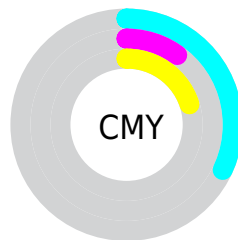
- Red (68%)
- Green (90%)
- Blue (80%)



- Red (68%)
- Yellow (82%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)





- Cyan (32%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2544, 69.3491, 66.9207 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 56.2544, 69.3491, 66.9207 by changing the saturation by 10% instead.


 56.2544, 69.3491,
66.9207

 56.2544, 69.3491,
66.9207


400.7090,
458.2613, 468.1563

 40.6447, 50.9961,
48.5590


 98.5141, 118.2801,
116.4463

 28.2280, 36.2055,
33.9066


125.8948,
149.6268, 148.4474

 18.6390, 24.5929,
22.5451


157.9300,
186.0735, 185.8319

 11.5121, 15.7740,
14.0558

194.9848,
228.0047, 229.0185

 6.4822, 9.3644,
8.0203

237.4248,
275.8046, 278.4257

 3.1839, 4.9796,
4.0200

285.6153,

 1.2517, 2.2353,

329.8578, 334.4720

1.6363

339.9216,
390.5485, 397.5760

■ 0.1466, 0.7391,
0.3165

■ 0.0000, 0.0000,
0.0000

■ 56.2544, 69.3491,
66.9207

■ 56.2544, 69.3491,
66.9207

■ 50.3358, 66.4438,
60.1431

■ 63.1367, 72.7446,
74.2168

■ 45.3293, 63.9965,
53.8675

■ 71.0197, 76.6435,
82.0378

■ 41.1869, 61.9848,
48.0834

■ 79.9455, 81.0692,
90.3964

■ 37.8538, 60.3805,
42.7780

■ 85.9424, 83.9739,
99.1152

■ 35.2684, 59.1521,
37.9380

■ 87.3106, 84.5212,
106.3202

■ 33.3598, 58.2634,
33.5490

■ 32.0420, 57.6701,
29.5956

■ 31.4559, 57.4153,
27.4303

Harmonies

Analogous

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



58.9258, 69.3491, 55.3256



56.2544, 69.3491, 66.9207



56.0773, 69.3491, 82.5474

Triad

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



56.2544, 69.3491, 66.9207



68.3279, 69.3491, 109.2774



74.0146, 69.3491, 56.5885

Complementary

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



56.2544, 69.3491, 66.9207



57.8769, 51.1021, 61.4599

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.



76.8392, 69.3491, 68.8833



56.2544, 69.3491, 66.9207



73.4344, 69.3491, 100.0871

Square

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



56.2544, 69.3491, 66.9207



62.8428, 69.3491, 108.5568



76.6211, 69.3491, 84.8032



69.0841, 69.3491, 49.9582

Rectangle

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



56.2544, 69.3491, 66.9207



57.3812, 69.3491, 93.3292



76.6211, 69.3491, 84.8032



75.2539, 69.3491, 60.1158

Sweetspot

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



56.2563, 69.3520, 66.9223



87.4560, 96.2387, 101.6076



59.6372, 71.4576, 50.6950



18.5856, 20.5330, 21.6170



0.0000, 0.0000, 0.0000



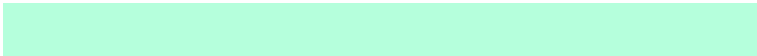
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2563, 69.3520, 66.9223



67.7513, 86.5192, 80.8666



59.3671, 70.1915, 84.5515



14.5052, 16.2155, 16.9253



18.0455, 32.8503, 16.0059



1.3804, 2.4463, 1.4296

Inverse Universe

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



57.8769, 51.1021, 61.4599



70.1701, 59.2865, 72.7179



55.2689, 50.3432, 46.8497



14.6592, 14.4809, 16.4059



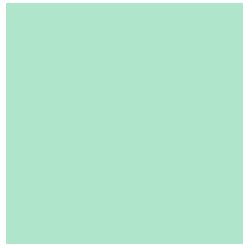
20.0905, 10.1704, 9.3715



1.5313, 0.7702, 0.9382

Previews

White Background



This preview shows how the XYZ color 56.2544, 69.3491, 66.9207 looks on a white background.

Color Contrast Check

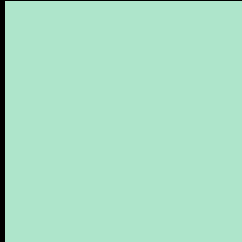
Large Text (above 18pt) WCAG AA × Fail

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 56.2544, 69.3491, 66.9207 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

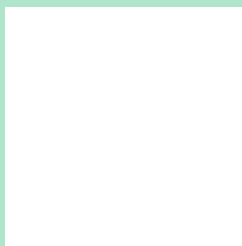
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2544, 69.3491, 66.9207

Background



This preview shows how black text looks on a background with the XYZ color 56.2544, 69.3491, 66.9207.



This preview shows how white text looks on a background with the XYZ color 56.2544, 69.3491,

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

56.2544, 69.3491, 66.9207

Protanopia

65.5710, 69.1048, 62.1072

Deuteranopia

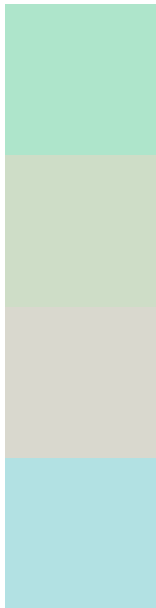
70.3386, 68.8067, 68.6053



Tritanopia

61.3209, 68.9500, 93.2958

Trichromacy



Original Color

56.2544, 69.3491, 66.9207

Protanomaly

61.6189, 68.9582, 64.0954

Deuteranomaly

64.3117, 68.3197, 68.1899

Tritanomaly

59.1504, 68.8615, 82.8471

Monochromacy



Original Color

56.2544, 69.3491, 66.9207

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.1013, 66.0010, 68.6560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2544, 69.3491, 66.9207 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(174, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(174, 229, 203)  
}
```

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(174, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 229, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.2544, 69.3491, 66.9207 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(174, 229, 203) }
```


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

```
.border{ border-color:rgb(174, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(174, 229,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2544, 69.3491, 66.9207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 229, 203) }
```

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

```
.background{ background-color: rgb(174,  
229, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor