

Converting Colors

XYZ(56.7185, 68.9341, 59.9727)

Have a look what the booklet for
XYZ(56.7185, 68.9341, 59.9727)
contains.

XYZ(56.7507, 68.9343, 60.1837)	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(56.7507, 68.9343,
60.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E3C0
RGB	184, 227, 192
RGB Percent	72%, 89%, 75%
CMY	0.2784, 0.1098, 0.2471
CMYK	0.19, 0.00, 0.15, 0.11
HSL	131°, 43%, 81%
HSV	131°, 19%, 89%
XYZ	56.7507, 68.9343, 60.1837
YIQ	210.1530, -14.3930, -20.0010

Conversions

Conversions Part 2

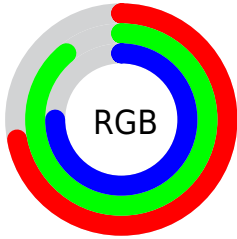
Format	Color
RYB	184, 220, 227
Decimal	12116928
CIELab	86.47, -20.66, 12.54
CIElCh	86, 24.164, 148.740
Yxy	68.9343, 0.3053, 0.3709
Android (android.graphics.Color)	4290307008 (0xFFB8E3C0)
YUV	210.1530, -8.9494, -22.9362
Hunter-Lab	83.0267, -23.2877, 15.1410

Details

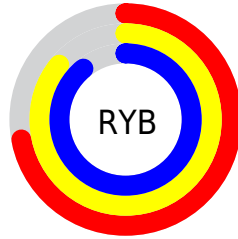
The XYZ color **56.7507, 68.9343, 60.1837** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.6077, 55.7280, 74.5306**, and the grayscale version is **61.4243, 64.6231, 70.3746**.

A 20% lighter version of the original color is **88.6385, 96.8226, 102.8238**, and **28.3563, 35.7066, 29.4423** is the 20% darker color. If you saturate the color by 10%, you get **49.8228, 65.5867, 49.8353**, and if you desaturate by 10%, it is **64.8120, 72.8404, 71.9298**.

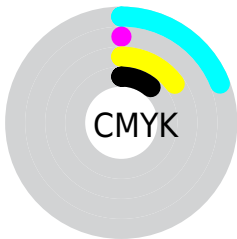
Distribution



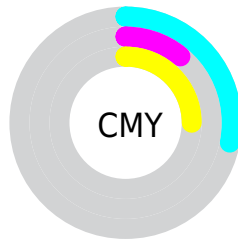
- Red (72%)
- Green (89%)
- Blue (75%)



- Red (72%)
- Yellow (86%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (28%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7507, 68.9343, 60.1837 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 56.7507, 68.9343, 60.1837 by changing the saturation by 10% instead.

■ 56.7507, 68.9343,
60.1837

■ 56.7507, 68.9343,
60.1837

402.5438,
456.7992, 443.0980

■ 41.0445, 50.6582,
43.1405

■ 99.2348, 117.6877,
106.6421

■ 28.5417, 35.9367,
29.6631

126.7434,
148.9339, 136.8943

■ 18.8769, 24.3853,
19.3331

158.9168,
185.2721, 172.3866

■ 11.6848, 15.6197,
11.7320

196.1204,
227.0869, 213.5375

■ 6.6001, 9.2554,
6.4411

238.7195,
274.7626, 260.7655

■ 3.2574, 4.9082,
3.0420


287.0796,


■ 1.2913, 2.1935,


328.6836, 314.4893


1.1161


341.5659,
389.2344, 375.1272


 0.1767, 0.7164,
0.0000


 0.0000, 0.0000,
0.0000


 56.7507, 68.9343,
60.1837


 56.7507, 68.9343,
60.1837


 49.8228, 65.5867,
49.8353


 64.8120, 72.8404,
71.9298


 43.9716, 62.7636,
40.8281

 74.0489, 77.3198,
85.1183

 39.1441, 60.4408,
33.1085

 84.5082, 82.3977,
99.7974

 35.2804, 58.5886,
26.6176

 86.7604, 83.4208,
106.1368

■ 32.3140, 57.1742,
21.2917

■ 30.1702, 56.1605,
17.0616

■ 28.7615, 55.5038,
13.8504

■ 27.9585, 55.1395,
11.5704

■ 27.8925, 55.1097,
11.3794

Harmonies

Analogous

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



60.4840, 68.9343, 51.1630



56.7507, 68.9343, 60.1837



55.3462, 68.9343, 74.3827

Triad

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



56.7507, 68.9343, 60.1837



65.2839, 68.9343, 110.2501



75.4084, 68.9343, 61.2015

Complementary

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



56.7507, 68.9343, 60.1837



61.6077, 55.7280, 74.5306

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.



76.8698, 68.9343, 75.7368



56.7507, 68.9343, 60.1837



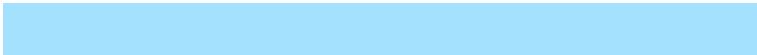
70.8280, 68.9343, 105.4292

Square

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



56.7507, 68.9343, 60.1837



60.0966, 68.9343, 104.5823



75.1491, 68.9343, 92.2003



71.2602, 68.9343, 51.6892

Rectangle

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



56.7507, 68.9343, 60.1837



55.8549, 68.9343, 85.3935



75.1491, 68.9343, 92.2003



76.2402, 68.9343, 65.5915

Sweetspot

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



56.7526, 68.9372, 60.1852



87.7026, 96.4365, 98.4270



65.3721, 73.4804, 56.0859



18.6081, 20.5619, 20.8324



0.0000, 0.0000, 0.0000



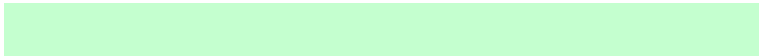
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7526, 68.9372, 60.1852



69.9105, 87.8205, 72.4653



59.2974, 69.9551, 73.5861



14.2983, 16.1327, 15.8356



16.2975, 32.1511, 6.8010



1.2358, 2.3884, 0.6683

Inverse Universe

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



61.6077, 55.7280, 74.5306



77.4016, 67.4350, 94.5955



58.9701, 54.6730, 60.6410



14.8741, 14.5668, 17.5372



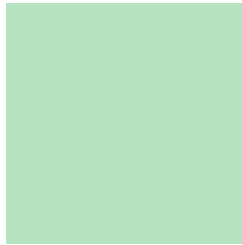
23.6085, 11.5776, 27.8968



1.7745, 0.8675, 2.2189

Previews

White Background



This preview shows how the XYZ color 56.7507, 68.9343, 60.1837 looks on a white background.

Color Contrast Check

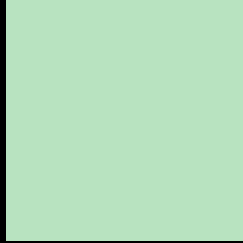
Large Text (above 18pt) WCAG AA × Fail

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 56.7507, 68.9343, 60.1837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

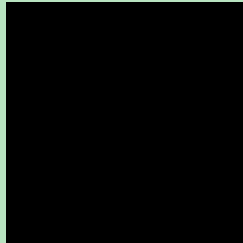
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

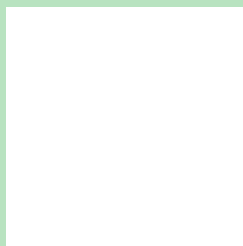
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7507, 68.9343, 60.1837

Background



This preview shows how black text looks on a background with the XYZ color 56.7507, 68.9343, 60.1837.

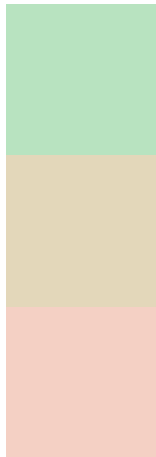


This preview shows how white text looks on a background with the XYZ color 56.7507, 68.9343,

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

56.7507, 68.9343, 60.1837

Protanopia

64.8419, 68.4769, 56.2542

Deuteranopia

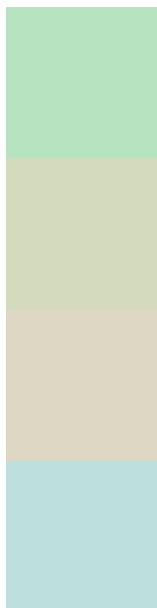
69.8279, 68.3304, 61.7333



Tritanopia

63.0273, 69.0924, 90.9032

Trichromacy



Original Color

56.7507, 68.9343, 60.1837

Protanomaly

61.2726, 68.1428, 57.5004

Deuteranomaly

64.2750, 68.0706, 61.3810

Tritanomaly

60.4251, 68.8146, 78.5044

Monochromacy



Original Color

56.7507, 68.9343, 60.1837

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.4228, 65.8410, 66.0766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7507, 68.9343, 60.1837 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(184, 227, 192)` looks like.

```
.text, #text, p{  
    color:rgb(184, 227, 192)  
}
```

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(184, 227, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 227, 192) }
```

Border

The CSS property to change the border of an element to XYZ 56.7507, 68.9343, 60.1837 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(184, 227, 192) }
```


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

```
.border{ border-color:rgb(184, 227, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 227, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 227, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 227, 192);  
box-shadow:4px 4px 4px 4px rgb(184, 227,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7507, 68.9343, 60.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 227, 192) }
```

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

```
.background{ background-color: rgb(184,  
227, 192) }
```

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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