

Converting Colors

XYZ(56.2354, 69.4726, 60.8977)

Have a look what the booklet for
XYZ(56.2354, 69.4726, 60.8977)
contains.

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Color

**XYZ(56.2354, 69.4726,
60.8977)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E5C1
RGB	179, 229, 193
RGB Percent	70%, 90%, 76%
CMY	0.2980, 0.1019, 0.2431
CMYK	0.22, 0.00, 0.16, 0.10
HSL	137°, 49%, 80%
HSV	137°, 22%, 90%
XYZ	56.2354, 69.4726, 60.8977
YIQ	209.9460, -18.2440, -21.7960

Conversions

Conversions Part 2

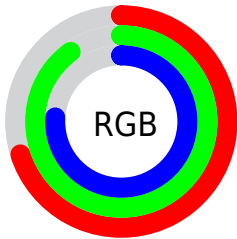
Format	Color
RYB	179, 218, 229
Decimal	11789761
CIELab	86.74, -23.08, 12.35
CIElCh	87, 26.178, 151.847
Yxy	69.4726, 0.3014, 0.3723
Android (android.graphics.Color)	4289979841 (0xFFB3E5C1)
YUV	209.9460, -8.3544, -27.1396
Hunter-Lab	83.3502, -25.4311, 15.0264

Details

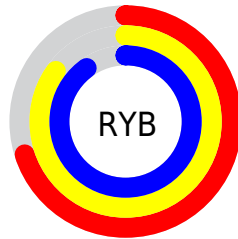
The XYZ color **56.2354, 69.4726, 60.8977** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.7014, 53.8062, 71.4795**, and the grayscale version is **61.2864, 64.4780, 70.2166**.

A 20% lighter version of the original color is **87.1198, 96.0217, 103.5649**, and **28.0612, 36.1112, 29.9173** is the 20% darker color. If you saturate the color by 10%, you get **49.6379, 66.2742, 51.5170**, and if you desaturate by 10%, it is **63.9208, 73.2120, 71.4028**.

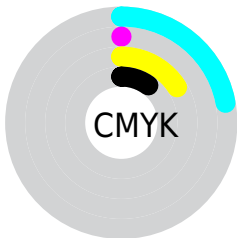
Distribution



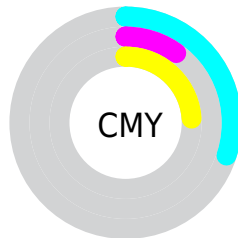
- Red (70%)
- Green (90%)
- Blue (76%)



- Red (70%)
- Yellow (85%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2354, 69.4726, 60.8977 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 56.2354, 69.4726, 60.8977 by changing the saturation by 10% instead.

■ 56.2354, 69.4726,
60.8977

■ 56.2354, 69.4726,
60.8977

400.6387,
458.6960, 445.7950

■ 40.6294, 51.0967,
43.7126

■ 98.4865, 118.4563,
107.6869

■ 28.2160, 36.2856,
30.1091

125.8623,
149.8330, 138.1280

■ 18.6299, 24.6548,
19.6687

157.8921,
186.3119, 173.8250

■ 11.5055, 15.8201,
11.9727

194.9413,
228.2777, 215.1962

■ 6.4777, 9.3969,
6.6028

237.3752,
276.1146, 262.6603

■ 3.1811, 5.0010,
3.1403

285.5592,

■ 1.2502, 2.2478,

330.2070, 316.6357

1.1667

339.8585,
390.9393, 377.5411

■ 0.1455, 0.7459,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2354, 69.4726,
60.8977

■ 56.2354, 69.4726,
60.8977

■ 49.6379, 66.2742,
51.5170

■ 63.9208, 73.2120,
71.4028

■ 44.0725, 63.5831,
43.2188

■ 72.7351, 77.5070,
83.0634

■ 39.4871, 61.3750,
35.9653

■ 82.7243, 82.3825,
95.9147

■ 35.8224, 59.6203,
29.7146

■ 87.3106, 84.5213,
106.3202

■ 33.0126, 58.2861,
24.4221

■ 30.9827, 57.3345,
20.0398

■ 29.6435, 56.7208,
16.5150

■ 28.9494, 56.4128,
14.2310

Harmonies

Analogous

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



60.0432, 69.4726, 50.5817



56.2354, 69.4726, 60.8977



55.0052, 69.4726, 76.7302

Triad

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



56.2354, 69.4726, 60.8977



66.4099, 69.4726, 114.3594



76.4870, 69.4726, 59.2915

Complementary

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



56.2354, 69.4726, 60.8977



60.7014, 53.8062, 71.4795

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.



78.4412, 69.4726, 74.5678



56.2354, 69.4726, 60.8977



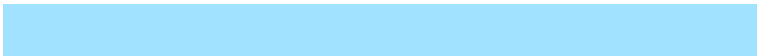
72.4055, 69.4726, 107.8590

Square

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



56.2354, 69.4726, 60.8977



60.6590, 69.4726, 109.2344



76.9042, 69.4726, 92.5968



71.7124, 69.4726, 49.7595

Rectangle

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



56.2354, 69.4726, 60.8977



55.7477, 69.4726, 88.8234



76.9042, 69.4726, 92.5968



77.5083, 69.4726, 63.8371

Sweetspot

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



56.2373, 69.4755, 60.8992



86.7844, 95.9700, 98.0708



64.3792, 73.8448, 53.5091



18.4302, 20.4708, 20.7988



0.0000, 0.0000, 0.0000



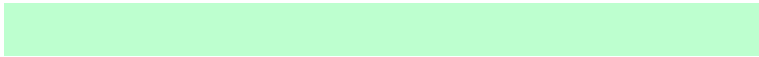
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2373, 69.4755, 60.8992



67.9666, 86.8184, 72.3756



59.1798, 70.6525, 76.3942



14.3543, 16.1552, 16.1308



16.5953, 32.2702, 8.3692



1.2650, 2.4001, 0.8221

Inverse Universe

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



60.7014, 53.8062, 71.4795



74.5770, 63.6078, 88.0371



57.8027, 52.6467, 56.2148



14.8140, 14.5428, 17.2207



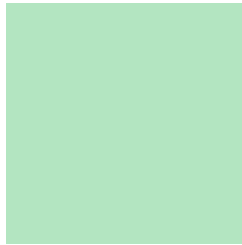
22.4058, 11.0965, 21.5639



1.6948, 0.8356, 1.7993

Previews

White Background



This preview shows how the XYZ color 56.2354, 69.4726, 60.8977 looks on a white background.

Color Contrast Check

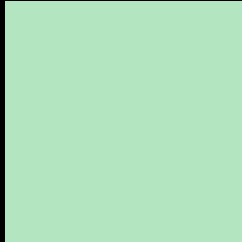
Large Text (above 18pt) WCAG AA × Fail

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 56.2354, 69.4726, 60.8977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

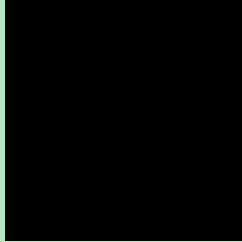
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2354, 69.4726, 60.8977

Background



This preview shows how black text looks on a background with the XYZ color 56.2354, 69.4726, 60.8977.

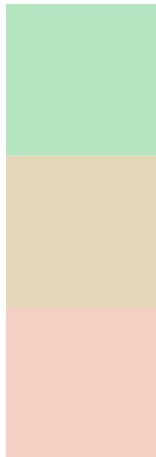


This preview shows how white text looks on a background with the XYZ color 56.2354, 69.4726, 60.8977.

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

56.2354, 69.4726, 60.8977

Protanopia

65.0973, 68.9878, 56.3394

Deuteranopia

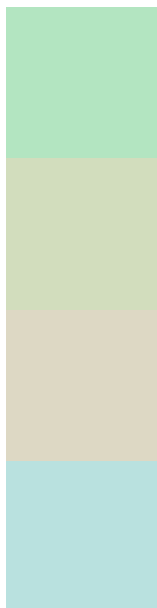
70.5347, 69.0446, 62.4327



Tritanopia

62.5885, 69.2252, 92.5011

Trichromacy



Original Color

56.2354, 69.4726, 60.8977

Protanomaly

61.6201, 69.0887, 58.2318

Deuteranomaly

64.3385, 68.4694, 62.0495

Tritanomaly

60.2521, 69.4924, 80.0498

Monochromacy



Original Color

56.2354, 69.4726, 60.8977

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.2651, 66.1275, 66.7670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2354, 69.4726, 60.8977 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(179, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(179, 229, 193)  
}
```

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(179, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 229, 193) }
```

Border

The CSS property to change the border of an element to XYZ 56.2354, 69.4726, 60.8977 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(179, 229, 193) }
```


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

```
.border{ border-color:rgb(179, 229, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 229, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 229, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 229, 193);  
box-shadow:4px 4px 4px 4px rgb(179, 229,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2354, 69.4726, 60.8977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 229, 193) }
```

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

```
.background{ background-color: rgb(179,  
229, 193) }
```

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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