

Converting Colors

XYZ(56.4231, 68.5367, 56.8330)

Have a look what the booklet for
XYZ(56.4231, 68.5367, 56.8330)
contains.

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Color

**XYZ(56.3090, 68.3770,
56.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE2BA
RGB	186, 226, 186
RGB Percent	73%, 89%, 73%
CMY	0.2706, 0.1137, 0.2706
CMYK	0.18, 0.00, 0.18, 0.11
HSL	120°, 41%, 81%
HSV	120°, 18%, 89%
XYZ	56.3090, 68.3770, 56.6847
YIQ	209.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

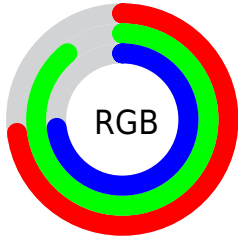
Format	Color
RYB	186, 226, 226
Decimal	12247738
CIELab	86.19, -20.56, 15.31
CIELCh	86, 25.630, 143.330
Yxy	68.3770, 0.3105, 0.3770
Android (android.graphics.Color)	4290437818 (0xFFBAE2BA)
YUV	209.4800, -11.5756, -20.5920
Hunter-Lab	82.6904, -23.1565, 17.2397

Details

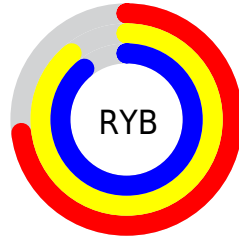
The XYZ color **56.3090, 68.3770, 56.6847** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.6528, 56.7791, 79.6119**, and the grayscale version is **60.9979, 64.1746, 69.8861**.

A 20% lighter version of the original color is **88.4050, 96.8081, 98.0308**, and **28.3123, 35.7248, 27.5937** is the 20% darker color. If you saturate the color by 10%, you get **49.0311, 64.8831, 44.7789**, and if you desaturate by 10%, it is **64.8390, 72.4764, 70.6356**.

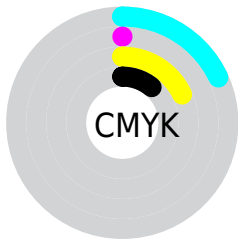
Distribution



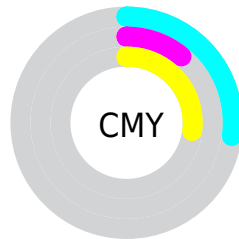
- Red (73%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3090, 68.3770, 56.6847 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 56.3090, 68.3770, 56.6847 by changing the saturation by 10% instead.

■ 56.3090, 68.3770,
56.6847

■ 56.3090, 68.3770,
56.6847

400.9111,
454.8306, 429.7274

■ 40.6887, 50.2045,
40.3445

■ 98.5934, 116.8913,
101.5007

■ 28.2625, 35.5759,
27.4914

125.9882,
148.0019, 130.8136

■ 18.6651, 24.1068,
17.7069

158.0386,
184.1940, 165.2878

■ 11.5311, 15.4129,
10.5725

195.1099,
225.8520, 205.3419

■ 6.4952, 9.1097,
5.6696

237.5674,
273.3602, 251.3943

■ 3.1919, 4.8128,
2.5797


285.7766,


■ 1.2561, 2.1378,


327.1031, 303.8637


0.8820


340.1027,
387.4651, 363.1685


 0.1500, 0.6858,
0.0000


 0.0000, 0.0000,
0.0000


 56.3090, 68.3770,
56.6847


 56.3090, 68.3770,
56.6847


 49.0311, 64.8831,
44.7789


 64.8390, 72.4764,
70.6356


 42.9412, 61.9578,
34.8178

 74.6704, 77.1989,
86.7164

 37.9781, 59.5738,
26.6997

 85.8563, 82.5721,
105.0129

 34.0725, 57.6977,
20.3113

 86.4877, 82.8754,
106.0459

■ 31.1479, 56.2929,
15.5275

■ 29.1172, 55.3174,
12.2059

■ 27.8783, 54.7223,
10.1793

■ 27.2912, 54.4403,
9.2190

■ 27.1977, 54.3954,
9.0660

Harmonies

Analogous

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



60.6002, 68.3770, 48.4250



56.3090, 68.3770, 56.6847



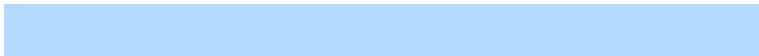
54.3612, 68.3770, 70.7408

Triad

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



56.3090, 68.3770, 56.6847



63.6816, 68.3770, 111.6078



75.9737, 68.3770, 62.3109

Complementary

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



56.3090, 68.3770, 56.6847



62.6528, 56.7791, 79.6119

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.



76.9218, 68.3770, 78.2886



56.3090, 68.3770, 56.6847



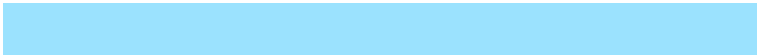
69.5874, 68.3770, 108.4466

Square

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



56.3090, 68.3770, 56.6847



58.4480, 68.3770, 103.6696



74.5209, 68.3770, 95.5883



72.0034, 68.3770, 51.3134

Rectangle

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



56.3090, 68.3770, 56.6847



54.5646, 68.3770, 82.1960



74.5209, 68.3770, 95.5883



76.6660, 68.3770, 67.2083

Sweetspot

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



56.3108, 68.3799, 56.6862



88.5285, 96.8674, 98.2329



67.4263, 74.1102, 57.2060



18.7601, 20.6430, 20.7174



0.0000, 0.0000, 0.0000



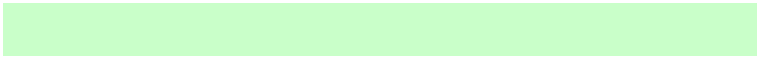
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3108, 68.3799, 56.6862



70.5643, 88.2383, 68.8494



58.5887, 69.2910, 68.6811



13.5288, 15.3373, 14.5542



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



62.6528, 56.7791, 79.6119



80.2816, 70.4634, 103.9765



60.0657, 55.7443, 65.9884



14.2951, 13.9357, 17.3240



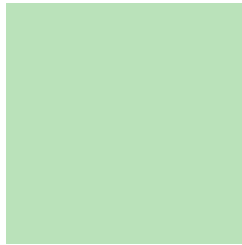
25.7244, 12.3568, 42.0761



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 56.3090, 68.3770, 56.6847 looks on a white background.

Color Contrast Check

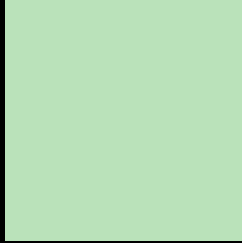
Large Text (above 18pt) WCAG AA × Fail

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 56.3090, 68.3770, 56.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

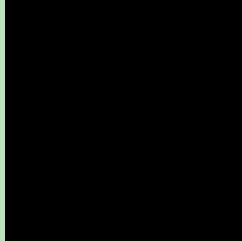
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3090, 68.3770, 56.6847

Background



This preview shows how black text looks on a background with the XYZ color 56.3090, 68.3770, 56.6847.



This preview shows how white text looks on a background with the XYZ color 56.3090, 68.3770,

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
56.3090, 68.3770, 56.6847
Protanopia
64.2172, 68.2271, 52.9645
Deuteranopia
69.2633, 67.7558, 58.1428



Tritanopia

62.9775, 68.3213, 89.2249

Trichromacy



Original Color

56.3090, 68.3770, 56.6847

Protanomaly

60.9264, 68.0375, 54.1774

Deuteranomaly

63.9723, 67.6146, 57.8233

Tritanomaly

60.5144, 68.5110, 76.3642

Monochromacy



Original Color

56.3090, 68.3770, 56.6847

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.9304, 65.2354, 64.7441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3090, 68.3770, 56.6847 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(186, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 226, 186)  
}
```

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(186, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 226, 186) }
```

Border

The CSS property to change the border of an element to XYZ 56.3090, 68.3770, 56.6847 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(186, 226, 186) }
```


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

```
.border{ border-color:rgb(186, 226, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 226, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 226, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 226, 186); box-shadow:4px 4px 4px 4px rgb(186, 226, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3090, 68.3770, 56.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 226, 186) }
```

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

```
.background{ background-color: rgb(186,  
226, 186) }
```

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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