

Converting Colors

XYZ(56.1739, 70.6428, 52.0495)

Have a look what the booklet for
XYZ(56.1739, 70.6428, 52.0495)
contains.

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Color

**XYZ(56.0402, 70.3934,
52.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E7B1
RGB	183, 231, 177
RGB Percent	72%, 91%, 69%
CMY	0.2823, 0.0941, 0.3059
CMYK	0.21, 0.00, 0.23, 0.09
HSL	113°, 53%, 80%
HSV	113°, 23%, 91%
XYZ	56.0402, 70.3934, 52.2286
YIQ	210.4920, -11.2740, -26.9700

Conversions

Conversions Part 2

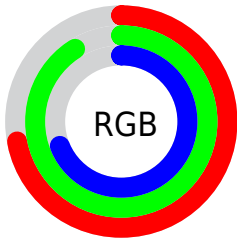
Format	Color
RYB	177, 231, 225
Decimal	12052401
CIELab	87.19, -25.52, 21.35
CIElCh	87, 33.272, 140.075
Yxy	70.3934, 0.3137, 0.3940
Android (android.graphics.Color)	4290242481 (0xFFB7E7B1)
YUV	210.4920, -16.5116, -24.1105
Hunter-Lab	83.9008, -27.6001, 21.8223

Details

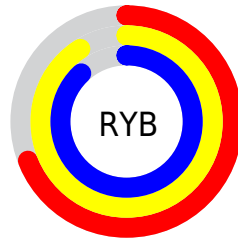
The XYZ color **56.0402, 70.3934, 52.2286** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.2001, 53.2233, 82.6524**, and the grayscale version is **61.6941, 64.9070, 70.6838**.

A 20% lighter version of the original color is **86.4032, 95.9285, 91.0529**, and **28.0213, 36.7823, 24.6916** is the 20% darker color. If you saturate the color by 10%, you get **49.3972, 67.2148, 40.8991**, and if you desaturate by 10%, it is **63.7893, 74.1013, 65.6473**.

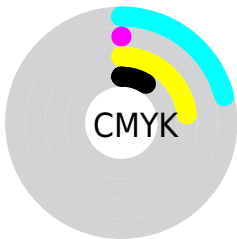
Distribution



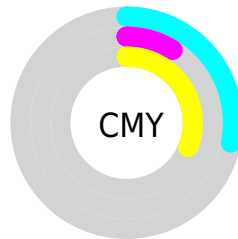
- Red (72%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (28%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0402, 70.3934, 52.2286 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 56.0402, 70.3934, 52.2286 by changing the saturation by 10% instead.

■ 56.0402, 70.3934,
52.2286

■ 56.0402, 70.3934,
52.2286

399.9155,
461.9301, 412.3005

■ 40.4723, 51.8473,
36.8038

■ 98.2028, 119.7696,
94.8983

■ 28.0928, 36.8834,
24.7610

125.5282,
151.3685, 122.9803

■ 18.5364, 25.1172,
15.6817

157.5035,
188.0871, 156.1185

■ 11.4378, 16.1644,
9.1473

194.4940,
230.3099, 194.7313

■ 6.4316, 9.6406,
4.7393

236.8652,
278.4212, 239.2374

■ 3.1524, 5.1613,
2.0391


284.9822,

■ 1.2349, 2.3422,


332.8054, 290.0553


0.5791


339.2105,
393.8469, 347.6035


 0.1336, 0.7959,
0.0000


 0.0000, 0.0000,
0.0000


 56.0402, 70.3934,
52.2286


 56.0402, 70.3934,
52.2286

 49.3972, 67.2148,
40.8991


 63.7893, 74.1013,
65.6473


 43.8044, 64.5327,
31.5494

 72.6860, 78.3517,
81.2480

 39.2093, 62.3247,
24.0673

 82.7766, 83.1683,
99.1235

 35.5528, 60.5630,
18.3273

 87.8673, 85.6345,
106.5058

■ 32.7694, 59.2168,
14.1886

■ 30.7848, 58.2514,
11.4888

■ 29.5123, 57.6264,
10.0307

■ 28.9947, 57.3698,
9.5453

Harmonies

Analogous

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



61.8843, 70.3934, 42.9367



56.0402, 70.3934, 52.2286



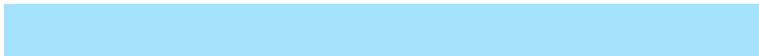
53.1798, 70.3934, 69.4709

Triad

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



56.0402, 70.3934, 52.2286



64.3520, 70.3934, 127.2858



82.0234, 70.3934, 62.8137

Complementary

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



56.0402, 70.3934, 52.2286



61.2001, 53.2233, 82.6524

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.



82.8134, 70.3934, 84.2998



56.0402, 70.3934, 52.2286



72.1940, 70.3934, 124.5447

Square

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



56.0402, 70.3934, 52.2286



57.7257, 70.3934, 114.5786



79.0945, 70.3934, 107.6889



77.0131, 70.3934, 48.1730

Rectangle

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



56.0402, 70.3934, 52.2286



53.1857, 70.3934, 84.4174



79.0945, 70.3934, 107.6889



82.8056, 70.3934, 69.3676

Sweetspot

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



56.0421, 70.3964, 52.2301



86.7095, 96.0171, 94.1988



67.7380, 73.8549, 52.2813



18.4128, 20.4816, 19.9051



0.0000, 0.0000, 0.0000



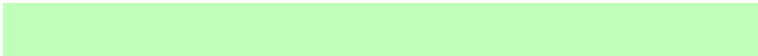
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0421, 70.3964, 52.2301



65.9898, 86.1094, 58.2706



56.8680, 70.5654, 63.8699



14.3372, 16.1654, 15.2690



16.3051, 32.1871, 5.3534



1.2547, 2.4042, 0.3979

Inverse Universe

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



61.2001, 53.2233, 82.6524



73.4892, 61.1215, 102.5321



60.3498, 53.1031, 68.2405



14.8291, 14.5297, 18.1673



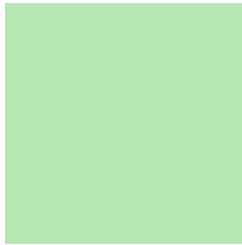
22.3188, 10.5717, 43.2474



1.6945, 0.8045, 3.1979

Previews

White Background



This preview shows how the XYZ color 56.0402, 70.3934, 52.2286 looks on a white background.

Color Contrast Check

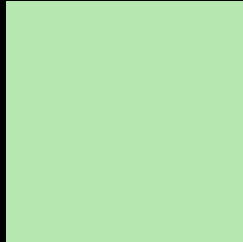
Large Text (above 18pt) WCAG AA × Fail

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 56.0402, 70.3934, 52.2286 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 56.0402, 70.3934, 52.2286

Background



This preview shows how black text looks on a background with the XYZ color 56.0402, 70.3934, 52.2286.

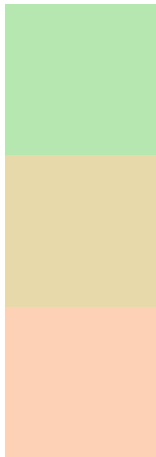


This preview shows how white text looks on a background with the XYZ color 56.0402, 70.3934,

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

56.0402, 70.3934, 52.2286

Protanopia

65.4423, 69.7218, 48.5366

Deuteranopia

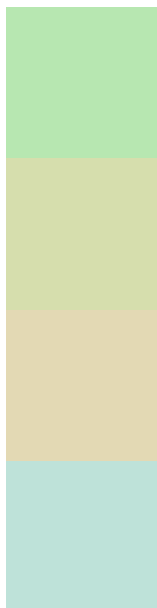
71.3888, 69.6738, 53.9418



Tritanopia

64.3640, 70.5360, 92.6605

Trichromacy



Original Color

56.0402, 70.3934, 52.2286

Protanomaly

61.3957, 69.5558, 49.7249

Deuteranomaly

64.7296, 69.2519, 53.1354

Tritanomaly

60.9559, 70.3496, 76.0118

Monochromacy



Original Color

56.0402, 70.3934, 52.2286

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.0839, 66.4994, 63.1477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0402, 70.3934, 52.2286 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(183, 231, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 231, 177)  
}
```

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(183, 231, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 231, 177) }
```

Border

The CSS property to change the border of an element to XYZ 56.0402, 70.3934, 52.2286 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(183, 231, 177) }
```


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

```
.border{ border-color:rgb(183, 231, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 231, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 231, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 231, 177); box-shadow:4px 4px 4px 4px rgb(183, 231, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0402, 70.3934, 52.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 231, 177) }
```

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

```
.background{ background-color: rgb(183,  
231, 177) }
```

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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