

Converting Colors

XYZ(56.2053, 71.3697, 46.3412)

Have a look what the booklet for
XYZ(56.2053, 71.3697, 46.3412)
contains.

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Color

**XYZ(56.1801, 71.4335,
46.4244)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE9A5
RGB	186, 233, 165
RGB Percent	73%, 91%, 65%
CMY	0.2706, 0.0863, 0.3529
CMYK	0.20, 0.00, 0.29, 0.09
HSL	101°, 61%, 78%
HSV	101°, 29%, 91%
XYZ	56.1801, 71.4335, 46.4244
YIQ	211.1950, -6.1840, -31.1120

Conversions

Conversions Part 2

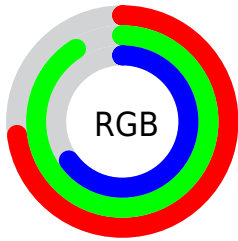
Format	Color
RYB	165, 233, 212
Decimal	12249509
CIELab	87.70, -27.35, 28.25
CIELCh	88, 39.321, 134.065
Yxy	71.4335, 0.3228, 0.4104
Android (android.graphics.Color)	4290439589 (0xFFBAE9A5)
YUV	211.1950, -22.7741, -22.0960
Hunter-Lab	84.5183, -29.2565, 26.5959

Details

The XYZ color **56.1801, 71.4335, 46.4244** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.3176, 46.7926, 83.2109**, and the grayscale version is **62.1961, 65.4351, 71.2589**.

A 20% lighter version of the original color is **85.6404, 95.7420, 81.6765**, and **28.2185, 37.5421, 21.3819** is the 20% darker color. If you saturate the color by 10%, you get **50.5553, 68.7591, 36.0813**, and if you desaturate by 10%, it is **62.6360, 74.4960, 58.8262**.

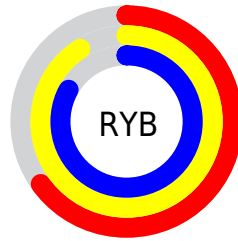
Distribution



Red (73%)

Green (91%)

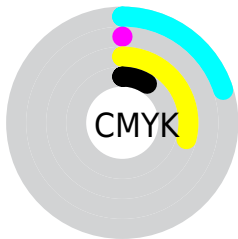
Blue (65%)



Red (65%)

Yellow (91%)

Blue (83%)

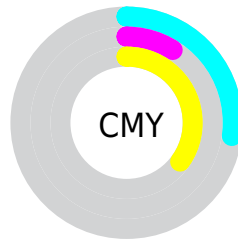


Cyan (20%)

Magenta (0%)

Yellow (29%)

Black (9%)



Cyan (27%)


Magenta (9%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1801, 71.4335, 46.4244 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 56.1801, 71.4335, 46.4244 by changing the saturation by 10% instead.


 56.1801, 71.4335,
46.4244


 56.1801, 71.4335,
46.4244


400.4339,
465.5674, 388.8393

 40.5849, 52.6960,
32.2298


 98.4061, 121.2508,
86.1948

 28.1811, 37.5602,
21.2708


 125.7677,
153.0994, 112.6076

 18.6034, 25.6415,
13.1289


157.7821,
190.0872, 143.9302

 11.4863, 16.5556,
7.3856

194.8146,
232.5985, 180.5811

 6.4647, 9.9182,
3.6223

237.2308,
281.0178, 222.9790

 3.1729, 5.3447,
1.4205


285.3958,

 1.2459, 2.4509,


335.7295, 271.5423


0.1577


339.6750,
397.1179, 326.6895


 0.1421, 0.8519,
0.0000


 0.0000, 0.0000,
0.0000


 56.1801, 71.4335,
46.4244


 56.1801, 71.4335,
46.4244

 50.5553, 68.7591,
36.0813


 62.6360, 74.4960,
58.8262


 45.7206, 66.4476,
27.6808

 69.9509, 77.9523,
73.3848

 41.6395, 64.4851,
21.1028

 78.1579, 81.8195,
90.1978

 38.2700, 62.8528,
16.2116

 86.7665, 85.9030,
106.6156

■ 35.5656, 61.5302,
12.8527

■ 88.4303, 86.7607,
106.6934

■ 33.4731, 60.4938,
10.8433

■ 31.9182, 59.7116,
9.8977

■ 31.8090, 59.6564,
9.8383

Harmonies

Analogous

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



63.6331, 71.4335, 37.8636



56.1801, 71.4335, 46.4244



52.0814, 71.4335, 64.5233

Triad

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



56.1801, 71.4335, 46.4244



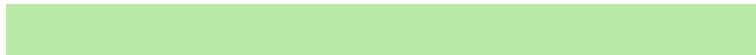
63.0937, 71.4335, 138.2974



86.8027, 71.4335, 65.9620

Complementary

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



56.1801, 71.4335, 46.4244



55.3176, 46.7926, 83.2109

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.



86.6245, 71.4335, 92.7361



56.1801, 71.4335, 46.4244



72.3439, 71.4335, 138.9345

Square

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



56.1801, 71.4335, 46.4244



55.8165, 71.4335, 119.2074



81.1357, 71.4335, 120.7885



81.6022, 71.4335, 47.2689

Rectangle

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



56.1801, 71.4335, 46.4244



51.5441, 71.4335, 81.4739



81.1357, 71.4335, 120.7885



87.3837, 71.4335, 74.1974

Sweetspot

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



56.1819, 71.4366, 46.4260



85.9753, 95.7236, 90.3263



63.8091, 66.8640, 45.1414



18.1064, 20.3492, 18.7368



0.0000, 0.0000, 0.0000



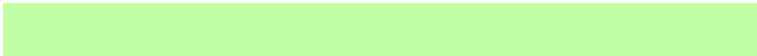
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1819, 71.4366, 46.4260



64.6912, 85.6421, 49.0773



52.6406, 69.4734, 52.4760



15.3058, 17.0877, 16.0103



18.1597, 33.9061, 5.5874



1.5213, 2.7116, 0.4432

Inverse Universe

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



55.3176, 46.7926, 83.2109



63.4586, 50.8043, 101.0693



60.0511, 49.4315, 74.4604



15.2360, 15.0669, 19.0274



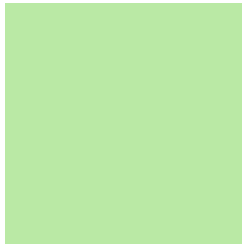
16.8242, 7.7091, 44.3442



1.4188, 0.6557, 3.4867

Previews

White Background



This preview shows how the XYZ color 56.1801, 71.4335, 46.4244 looks on a white background.

Color Contrast Check

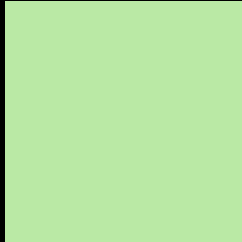
Large Text (above 18pt) WCAG AA × Fail

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 56.1801, 71.4335, 46.4244 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 56.1801, 71.4335, 46.4244

Background



This preview shows how black text looks on a background with the XYZ color 56.1801, 71.4335, 46.4244.



This preview shows how white text looks on a background with the XYZ color 56.1801, 71.4335,

46.4244.

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

56.1801, 71.4335, 46.4244

Protanopia

66.1816, 70.9991, 43.0169

Deuteranopia

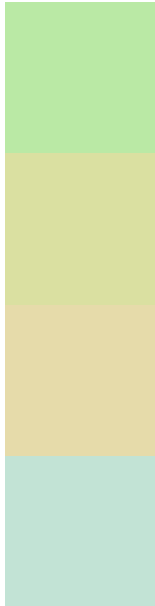
72.0771, 70.8657, 49.4147



Tritanopia

65.5536, 71.1320, 93.4939

Trichromacy



Original Color

56.1801, 71.4335, 46.4244

Protanomaly

62.0021, 70.7899, 44.1142

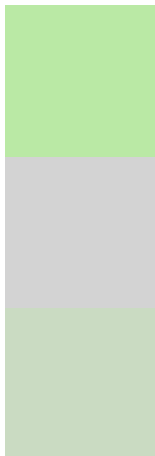
Deuteranomaly

65.2203, 70.3883, 48.1790

Tritanomaly

61.7275, 71.2116, 73.4426

Monochromacy



Original Color

56.1801, 71.4335, 46.4244

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.4262, 67.1146, 60.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1801, 71.4335, 46.4244 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, 233, 165)` looks like.

```
.text, #text, p{  
    color:rgb(186, 233, 165)  
}
```

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, 233, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 233, 165) }
```

Border

The CSS property to change the border of an element to XYZ 56.1801, 71.4335, 46.4244 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, 233, 165) }
```


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

```
.border{ border-color:rgb(186, 233, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 233, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 233, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 233, 165);  
box-shadow:4px 4px 4px 4px rgb(186, 233,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1801, 71.4335, 46.4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 233, 165) }
```

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

```
.background{ background-color: rgb(186,  
233, 165) }
```

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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