

Converting Colors

XYZ(57.4353, 73.3626, 46.2552)

Have a look what the booklet for
XYZ(57.4353, 73.3626, 46.2552)
contains.

XYZ(57.4353, 73.3626, 46.2552)	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(57.4353, 73.3626,
46.2552)**

Conversions

Conversions Part 1

Format	Color
Hex	BCECA4
RGB	188, 236, 164
RGB Percent	74%, 93%, 64%
CMY	0.2627, 0.0745, 0.3569
CMYK	0.20, 0.00, 0.31, 0.07
HSL	100°, 65%, 78%
HSV	100°, 31%, 93%
XYZ	57.4353, 73.3626, 46.2552
YIQ	213.4400, -5.4960, -32.5680

Conversions

Conversions Part 2

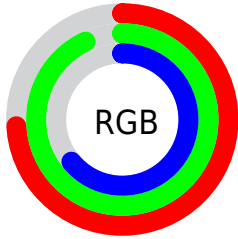
Format	Color
RYB	164, 236, 212
Decimal	12381348
CIELab	88.62, -28.23, 30.03
CIElCh	89, 41.219, 133.231
Yxy	73.3626, 0.3244, 0.4144
Android (android.graphics.Color)	4290571428 (0xFFBCECA4)
YUV	213.4400, -24.3739, -22.3109
Hunter-Lab	85.6520, -30.1949, 27.9376

Details

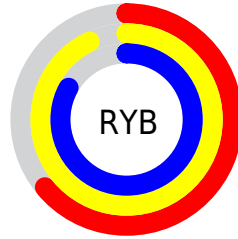
The XYZ color **57.4353, 73.3626, 46.2552** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.5703, 46.6063, 85.4279**, and the grayscale version is **63.7030, 67.0205, 72.9854**.

A 20% lighter version of the original color is **86.2024, 96.0470, 81.0134**, and **29.0774, 38.8807, 21.3014** is the 20% darker color. If you saturate the color by 10%, you get **51.8320, 70.7000, 35.8812**, and if you desaturate by 10%, it is **63.8606, 76.4076, 58.7351**.

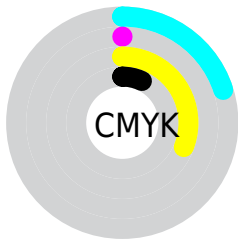
Distribution



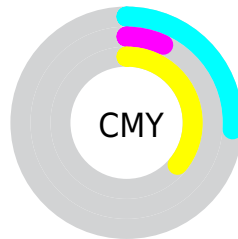
- Red (74%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)




- Cyan (26%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4353, 73.3626, 46.2552 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 57.4353, 73.3626, 46.2552 by changing the saturation by 10% instead.


 57.4353, 73.3626,
46.2552


 57.4353, 73.3626,
46.2552


405.0663,
472.2706, 388.1410

 41.5963, 54.2725,
32.0971


 100.2278,
123.9918, 85.9391

 28.9751, 38.8196,
21.1703


 127.9120,
156.2998, 112.3020

 19.2061, 26.6194,
13.0561

160.2753,
193.7824, 143.5703

 11.9242, 17.2876,
7.3360

197.6831,
236.8242, 180.1625

 6.7639, 10.4397,
3.5915

240.5008,
285.8095, 222.4971

 3.3599, 5.6915,
1.4040


289.0936,

 1.3468, 2.6584,


341.1228, 270.9927

0.1448


343.8270,
403.1483, 326.0678


 0.2179, 0.9561,
0.0000


 0.0000, 0.0000,
0.0000


 57.4353, 73.3626,
46.2552


 57.4353, 73.3626,
46.2552


 51.8320, 70.7000,
35.8812


 63.8606, 76.4076,
58.7351


 47.0095, 68.3946,
27.4922

 71.1353, 79.8403,
73.4232

 42.9316, 66.4327,
20.9627

 79.2925, 83.6777,
90.4210

 39.5564, 64.7957,
16.1504

 87.8086, 87.7118,
106.9098

■ 36.8372, 63.4632,
12.8928

■ 89.2870, 88.4739,
106.9790

■ 34.7201, 62.4116,
10.9961

■ 33.1932, 61.6416,
10.1486

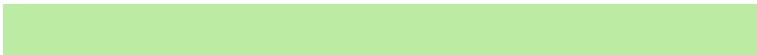
Harmonies

Analogous

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



65.4437, 73.3626, 37.5514



57.4353, 73.3626, 46.2552



52.9769, 73.3626, 65.0988

Triad

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



57.4353, 73.3626, 46.2552



64.3565, 73.3626, 144.6192



90.0474, 73.3626, 67.9904

Complementary

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



57.4353, 73.3626, 46.2552



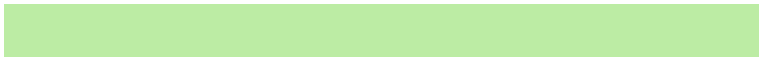
55.5703, 46.6063, 85.4279

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.



89.6855, 73.3626, 96.7433



57.4353, 73.3626, 46.2552



74.1973, 73.3626, 145.9232

Square

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



57.4353, 73.3626, 46.2552



56.7048, 73.3626, 123.5635



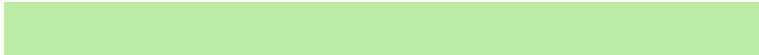
83.6624, 73.3626, 126.7893



84.6087, 73.3626, 47.9363

Rectangle

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



57.4353, 73.3626, 46.2552



52.3278, 73.3626, 83.0054



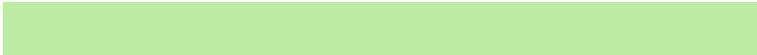
83.6624, 73.3626, 126.7893



90.6144, 73.3626, 76.8329

Sweetspot

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



57.4372, 73.3658, 46.2568



86.1657, 95.8217, 90.3352



64.8394, 67.6033, 44.7544



18.1531, 20.3732, 18.7390



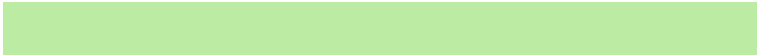
0.0000, 0.0000, 0.0000



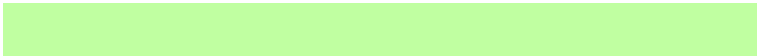
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4372, 73.3658, 46.2568



63.9249, 85.2999, 46.6520



53.1440, 71.0214, 51.9833



15.3413, 17.1060, 16.0119



18.4183, 34.0395, 5.5995



1.5449, 2.7238, 0.4443

Inverse Universe

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



55.5703, 46.6063, 85.4279



61.3360, 48.3636, 100.7101



61.3249, 49.7676, 76.8983



15.1988, 15.0477, 19.0257



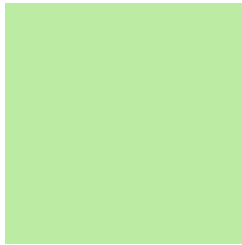
16.1897, 7.3820, 44.3145



1.3725, 0.6319, 3.4845

Previews

White Background



This preview shows how the XYZ color 57.4353, 73.3626, 46.2552 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 57.4353, 73.3626, 46.2552 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

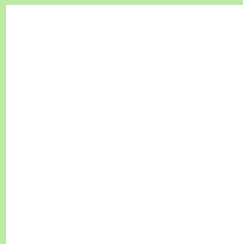
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4353, 73.3626, 46.2552

Background



This preview shows how black text looks on a background with the XYZ color 57.4353, 73.3626, 46.2552.

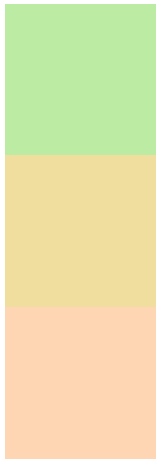


This preview shows how white text looks on a background with the XYZ color 57.4353, 73.3626,

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

57.4353, 73.3626, 46.2552

Protanopia

67.8894, 73.0619, 42.8720

Deuteranopia

73.4233, 72.6078, 52.7927



Tritanopia

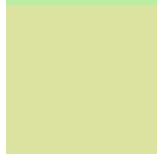
67.6129, 73.3419, 96.1808

Trichromacy



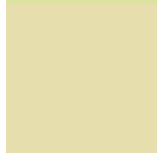
Original Color

57.4353, 73.3626, 46.2552



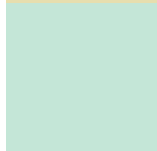
Protanomaly

63.3294, 72.6919, 43.9508



Deuteranomaly

66.7163, 72.2875, 50.4810



Tritanomaly

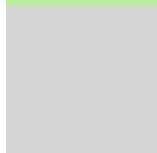
63.3275, 73.2357, 75.0882

Monochromacy



Original Color

57.4353, 73.3626, 46.2552



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.6086, 68.4904, 61.6553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4353, 73.3626, 46.2552 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(188, 236, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 236, 164)  
}
```

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(188, 236, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 236, 164) }
```

Border

The CSS property to change the border of an element to XYZ 57.4353, 73.3626, 46.2552 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(188, 236, 164) }
```


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

```
.border{ border-color:rgb(188, 236, 164) }
```

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

Here you see how a box with a 4 pixel rgb(188, 236, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 236, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 236, 164);  
box-shadow:4px 4px 4px 4px rgb(188, 236,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4353, 73.3626, 46.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 236, 164) }
```

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

```
.background{ background-color: rgb(188,  
236, 164) }
```

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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