

Converting Colors

XYZ(57.4255, 70.6738, 53.5425)

Have a look what the booklet for
XYZ(57.4255, 70.6738, 53.5425)
contains.

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Color

**XYZ(57.5213, 70.7077,
53.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE6B4
RGB	189, 230, 180
RGB Percent	74%, 90%, 71%
CMY	0.2588, 0.0980, 0.2941
CMYK	0.18, 0.00, 0.22, 0.10
HSL	109°, 50%, 80%
HSV	109°, 22%, 90%
XYZ	57.5213, 70.7077, 53.7963
YIQ	212.0410, -8.3860, -24.2420

Conversions

Conversions Part 2

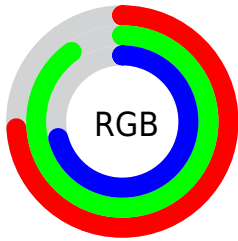
Format	Color
R _{YB}	180, 230, 221
Decimal	12445364
CIE Lab	87.34, -22.51, 20.07
CIE LCh	87, 30.159, 138.290
Yxy	70.7077, 0.3160, 0.3884
Android (android.graphics.Color)	4290635444 (0xFFBDE6B4)
YUV	212.0410, -15.7962, -20.2070
Hunter-Lab	84.0879, -25.0487, 20.9300

Details

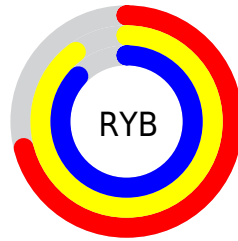
The XYZ color **57.5213, 70.7077, 53.7963** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.4259, 53.7299, 82.0527**, and the grayscale version is **62.7138, 65.9798, 71.8520**.

A 20% lighter version of the original color is **88.9064, 97.1690, 93.4265**, and **28.9585, 36.9553, 25.6855** is the 20% darker color. If you saturate the color by 10%, you get **50.9920, 67.5924, 42.2581**, and if you desaturate by 10%, it is **65.0517, 74.2982, 67.4139**.

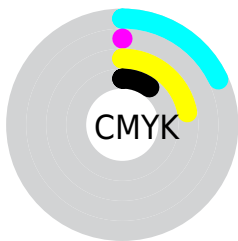
Distribution



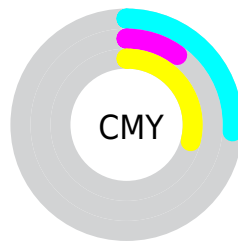
- Red (74%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)




- Cyan (26%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5213, 70.7077, 53.7963 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 57.5213, 70.7077, 53.7963 by changing the saturation by 10% instead.


 57.5213, 70.7077,
53.7963

 57.5213, 70.7077,
53.7963


405.3825,
463.0310, 418.4854

 41.6657, 52.1037,
38.0468


 100.3524,
120.2174, 97.2285

 29.0296, 37.0877,
25.7169


128.0586,
151.8919, 125.7482

 19.2476, 25.2754,
16.3881


160.4457,
188.6921, 159.3617

 11.9544, 16.2824,
9.6419

197.8791,
231.0022, 198.4876

 6.7846, 9.7242,
5.0597

240.7242,
279.2068, 243.5444

 3.3729, 5.2165,
2.2230


289.3461,

 1.3539, 2.3748,

333.6902, 294.9506

0.6876


344.1105,
394.8368, 353.1247


 0.2230, 0.8129,
0.0000


 0.0000, 0.0000,
0.0000


 57.5213, 70.7077,
53.7963


 57.5213, 70.7077,
53.7963


 50.9920, 67.5924,
42.2581


 65.0517, 74.2982,
67.4139

 45.4157, 64.9237,
32.6925

 73.6174, 78.3735,
83.2012

 40.7487, 62.6834,
24.9905

 83.2580, 82.9539,
101.2490

 36.9416, 60.8487,
19.0305

 87.5882, 85.0764,
106.4127

■ 33.9401, 59.3947,
14.6765

■ 31.6835, 58.2933,
11.7722

■ 30.1016, 57.5125,
10.1305

■ 29.2285, 57.0760,
9.4763

Harmonies

Analogous

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



63.0119, 70.7077, 45.5151



57.5213, 70.7077, 53.7963



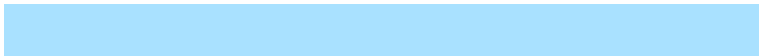
54.7055, 70.7077, 69.3238

Triad

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



57.5213, 70.7077, 53.7963



64.4730, 70.7077, 121.9652



81.0177, 70.7077, 65.3597

Complementary

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



57.5213, 70.7077, 53.7963



60.4259, 53.7299, 82.0527

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.



81.4780, 70.7077, 85.1987



57.5213, 70.7077, 53.7963



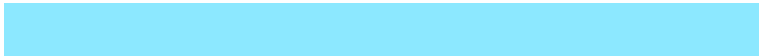
71.5813, 70.7077, 120.3935

Square

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



57.5213, 70.7077, 53.7963



58.5260, 70.7077, 110.0172



77.9200, 70.7077, 106.0401



76.7035, 70.7077, 51.3360

Rectangle

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



57.5213, 70.7077, 53.7963



54.5823, 70.7077, 82.7644



77.9200, 70.7077, 106.0401



81.6389, 70.7077, 71.4880

Sweetspot

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



57.5232, 70.7107, 53.7978



87.1264, 96.2320, 94.2183



66.6868, 71.7465, 53.5148



18.5091, 20.5312, 19.9096



0.0000, 0.0000, 0.0000



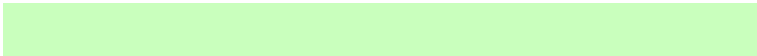
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5232, 70.7107, 53.7978



68.9014, 87.5477, 61.2405



57.0662, 70.2780, 62.6842



14.4300, 16.2132, 15.2734



16.6196, 32.3492, 5.3681



1.2987, 2.4269, 0.4000

Inverse Universe

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



60.4259, 53.7299, 82.0527



73.1687, 62.5530, 102.8253



61.1158, 54.3309, 70.9985



14.7274, 14.4772, 18.1625



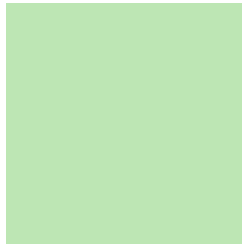
20.0071, 9.3799, 43.1392



1.5451, 0.7275, 3.1910

Previews

White Background



This preview shows how the XYZ color 57.5213, 70.7077, 53.7963 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 57.5213, 70.7077, 53.7963 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 57.5213, 70.7077, 53.7963

Background



This preview shows how black text looks on a background with the XYZ color 57.5213, 70.7077, 53.7963.

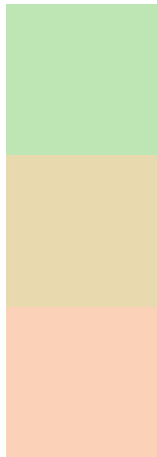


This preview shows how white text looks on a background with the XYZ color 57.5213, 70.7077,

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

57.5213, 70.7077, 53.7963

Protanopia

65.9901, 70.3546, 50.1461

Deuteranopia

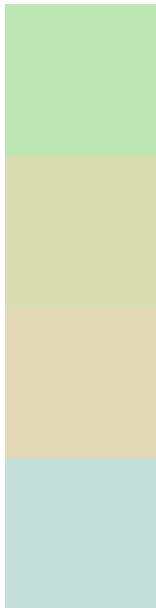
71.4820, 70.0631, 55.1034



Tritanopia

65.4026, 70.6759, 92.6328

Trichromacy



Original Color

57.5213, 70.7077, 53.7963

Protanomaly

62.2767, 69.9761, 51.2987

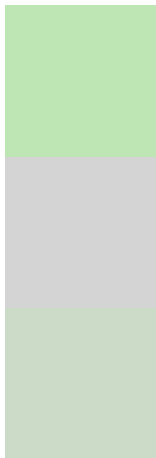
Deuteranomaly

65.3550, 69.5386, 54.7775

Tritanomaly

62.0858, 70.5145, 76.6681

Monochromacy



Original Color

57.5213, 70.7077, 53.7963

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.6587, 67.6705, 64.5082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5213, 70.7077, 53.7963 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(189, 230, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 230, 180)  
}
```

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(189, 230, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 230, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.5213, 70.7077, 53.7963 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(189, 230, 180) }
```


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

```
.border{ border-color:rgb(189, 230, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 230, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 230, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 230, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 230,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5213, 70.7077, 53.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 230, 180) }
```

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

```
.background{ background-color: rgb(189,  
230, 180) }
```

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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