

Converting Colors

XYZ(58.3400, 71.1290, 57.4712)

Have a look what the booklet for
XYZ(58.3400, 71.1290, 57.4712)
contains.

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Color

**XYZ(58.2527, 71.0003,
57.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE6BB
RGB	189, 230, 187
RGB Percent	74%, 90%, 73%
CMY	0.2588, 0.0980, 0.2667
CMYK	0.18, 0.00, 0.19, 0.10
HSL	117°, 46%, 82%
HSV	117°, 19%, 90%
XYZ	58.2527, 71.0003, 57.6479
YIQ	212.8390, -10.6330, -22.0650

Conversions

Conversions Part 2

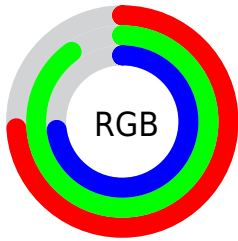
Format	Color
RYB	187, 230, 228
Decimal	12445371
CIELab	87.49, -21.34, 16.63
CIELCh	87, 27.054, 142.083
Yxy	71.0003, 0.3117, 0.3799
Android (android.graphics.Color)	4290635451 (0xFFBDE6BB)
YUV	212.8390, -12.7386, -20.9068
Hunter-Lab	84.2617, -24.0554, 18.4197

Details

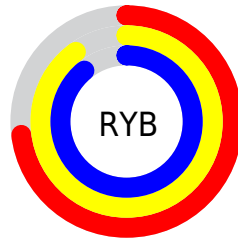
The XYZ color **58.2527, 71.0003, 57.6479** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.0511, 57.7499, 82.6376**, and the grayscale version is **63.2274, 66.5201, 72.4404**.

A 20% lighter version of the original color is **89.9437, 97.5839, 98.8891**, and **29.4308, 37.1442, 28.1726** is the 20% darker color. If you saturate the color by 10%, you get **50.9503, 67.4999, 45.4661**, and if you desaturate by 10%, it is **66.7760, 75.0886, 71.9484**.

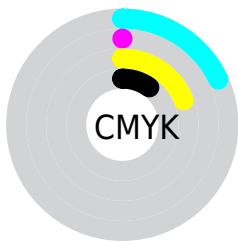
Distribution



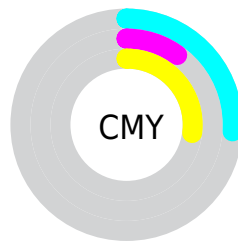
- Red (74%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2527, 71.0003, 57.6479 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 58.2527, 71.0003, 57.6479 by changing the saturation by 10% instead.

■ 58.2527, 71.0003,
57.6479

■ 58.2527, 71.0003,
57.6479

408.0656,
464.0545, 433.4342

■ 42.2559, 52.3424,
41.1128

■ 101.4116,
120.6342, 102.9196

■ 29.4937, 37.2781,
28.0869

129.3044,
152.3789, 132.4934

■ 19.6008, 25.4229,
18.1516

161.8933,
189.2548, 167.2505

■ 12.2117, 16.3924,
10.8883

199.5435,
231.6462, 207.6094

■ 6.9613, 9.8023,
5.8785

242.6205,
279.9374, 253.9886

■ 3.4840, 5.2680,
2.7038

291.4896,

■ 1.4146, 2.4054,

334.5130, 306.8068

0.9453

346.5162,
395.7572, 366.4825

■ 0.2666, 0.8287,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2527, 71.0003,
57.6479

■ 58.2527, 71.0003,
57.6479

■ 50.9503, 67.4999,
45.4661

■ 66.7760, 75.0886,
71.9484

■ 44.8075, 64.5519,
35.2978

■ 76.5664, 79.7805,
88.4567

■ 39.7663, 62.1307,
27.0362

■ 87.5128, 85.0375,
106.4092

■ 35.7616, 60.2053,
20.5624

■ 87.5882, 85.0764,
106.4127

■ 32.7211, 58.7414,
15.7444

■ 30.5636, 57.7002,
12.4320

■ 29.1943, 57.0368,
10.4477

■ 28.4889, 56.6928,
9.5274

■ 28.4322, 56.6655,
9.4390

Harmonies

Analogous

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



62.9717, 71.0003, 49.0847



58.2527, 71.0003, 57.6479



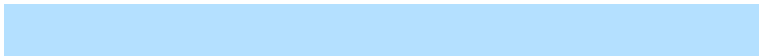
56.0375, 71.0003, 72.5640

Triad

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



58.2527, 71.0003, 57.6479



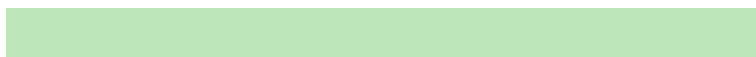
65.8065, 71.0003, 117.6318



79.5135, 71.0003, 64.8256

Complementary

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



58.2527, 71.0003, 57.6479



64.0511, 57.7499, 82.6376

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.



80.3911, 71.0003, 82.2528



58.2527, 71.0003, 57.6479



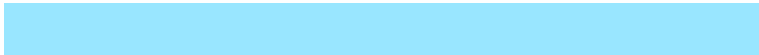
72.2061, 71.0003, 114.6871

Square

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



58.2527, 71.0003, 57.6479



60.2157, 71.0003, 108.5014



77.6416, 71.0003, 100.9939



75.3141, 71.0003, 52.7506

Rectangle

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



58.2527, 71.0003, 57.6479



56.1746, 71.0003, 84.9049



77.6416, 71.0003, 100.9939



80.2170, 71.0003, 70.1770

Sweetspot

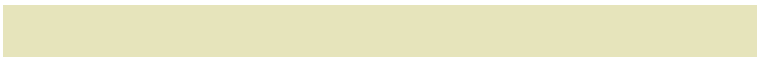
The Sweet Spot groups the original color and five complimentary colors.



58.2546, 71.0033, 57.6495



87.5186, 96.3908, 96.1972



69.3081, 75.8188, 57.9963



18.5648, 20.5512, 20.3075



0.0000, 0.0000, 0.0000



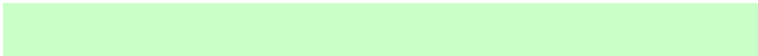
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2546, 71.0033, 57.6495



70.2814, 88.1269, 67.2779



59.9758, 71.6349, 69.2837



14.2510, 16.1209, 15.2650



16.1239, 32.0937, 5.3449



1.2135, 2.3830, 0.3960

Inverse Universe

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



64.0511, 57.7499, 82.6376



78.7374, 68.7895, 103.7355



62.1200, 57.0511, 69.1385



14.9254, 14.5793, 18.1718



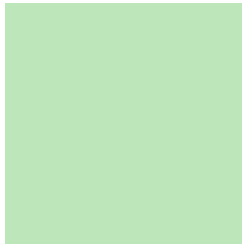
24.7074, 11.8030, 43.3592



1.8463, 0.8828, 3.2051

Previews

White Background



This preview shows how the XYZ color 58.2527, 71.0003, 57.6479 looks on a white background.

Color Contrast Check

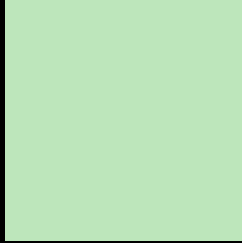
Large Text (above 18pt) WCAG AA × Fail

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 58.2527, 71.0003, 57.6479 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

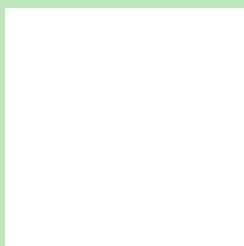
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2527, 71.0003, 57.6479

Background



This preview shows how black text looks on a background with the XYZ color 58.2527, 71.0003, 57.6479.



This preview shows how white text looks on a background with the XYZ color 58.2527, 71.0003,

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

58.2527, 71.0003, 57.6479

Protanopia

66.3669, 70.4679, 53.8198

Deuteranopia

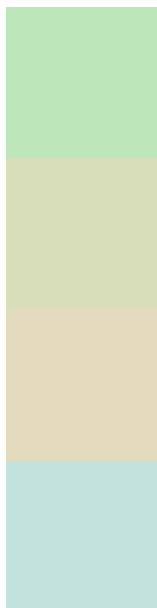
72.1226, 70.6741, 59.1304



Tritanopia

65.4046, 71.0724, 92.7092

Trichromacy



Original Color

58.2527, 71.0003, 57.6479

Protanomaly

62.9874, 70.2604, 55.0416

Deuteranomaly

66.3606, 70.3545, 58.7974

Tritanomaly

62.7532, 71.2153, 78.8451

Monochromacy



Original Color

58.2527, 71.0003, 57.6479

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.1324, 67.8600, 67.0030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2527, 71.0003, 57.6479 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 230, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 230, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.2527, 71.0003, 57.6479 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, 187) }
```


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

```
.border{ border-color:rgb(189, 230, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 230, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 230, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 230,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2527, 71.0003, 57.6479 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, 187) }
```

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

```
.background{ background-color: rgb(189,  
230, 187) }
```

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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