

Converting Colors

XYZ(58.3723, 70.5719, 53.4122)

Have a look what the booklet for
XYZ(58.3723, 70.5719, 53.4122)
contains.

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Color

**XYZ(58.4041, 70.7626,
53.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E5B3
RGB	194, 229, 179
RGB Percent	76%, 90%, 70%
CMY	0.2392, 0.1019, 0.2980
CMYK	0.15, 0.00, 0.22, 0.10
HSL	102°, 49%, 80%
HSV	102°, 22%, 90%
XYZ	58.4041, 70.7626, 53.2282
YIQ	212.8350, -4.8100, -22.9700

Conversions

Conversions Part 2

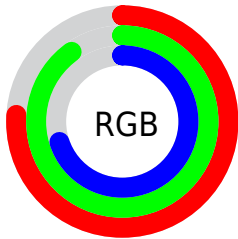
Format	Color
RYB	179, 229, 214
Decimal	12772787
CIELab	87.37, -20.48, 20.67
CIELCh	87, 29.097, 134.730
Yxy	70.7626, 0.3202, 0.3880
Android (android.graphics.Color)	4290962867 (0xFFC2E5B3)
YUV	212.8350, -16.6807, -16.5183
Hunter-Lab	84.1205, -23.2800, 21.3679

Details

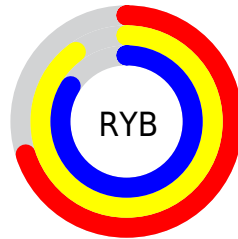
The XYZ color **58.4041, 70.7626, 53.2282** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.9975, 52.1956, 81.1504**, and the grayscale version is **63.2474, 66.5412, 72.4634**.

A 20% lighter version of the original color is **90.5391, 98.0274, 92.7465**, and **29.5247, 36.9689, 25.3183** is the 20% darker color. If you saturate the color by 10%, you get **52.3832, 67.9066, 41.8440**, and if you desaturate by 10%, it is **65.2574, 74.0075, 66.6621**.

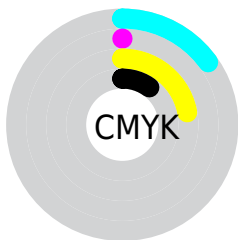
Distribution



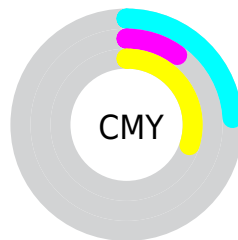
- Red (76%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)





- Cyan (24%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4041, 70.7626, 53.2282 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 58.4041, 70.7626, 53.2282 by changing the saturation by 10% instead.


 58.4041, 70.7626,
53.2282

 58.4041, 70.7626,
53.2282


408.6196,
463.2231, 416.2511

 42.3781, 52.1485,
37.5960


 101.6307,
120.2956, 96.3850

 29.5899, 37.1234,
25.3699


129.5620,
151.9833, 124.7467

 19.6740, 25.3031,
16.1313


162.1925,
188.7977, 158.1887

 12.2652, 16.3030,
9.4618

199.8875,
231.1231, 197.1294

 6.9980, 9.7388,
4.9427

243.0123,
279.3440, 241.9875

 3.5072, 5.2261,
2.1555


291.9324,


 1.4273, 2.3805,

333.8447, 293.1815


0.6485


347.0131,
395.0096, 351.1298


 0.2756, 0.8159,
0.0000


 0.0000, 0.0000,
0.0000


 58.4041, 70.7626,
53.2282


 58.4041, 70.7626,
53.2282


 52.3832, 67.9066,
41.8440


 65.2574, 74.0075,
66.6621


 47.1560, 65.4154,
32.4042

 72.9684, 77.6460,
82.2347

 42.6891, 63.2762,
24.8014

 81.5686, 81.6944,
100.0355

 38.9443, 61.4721,
18.9155

 87.3107, 84.5214,
106.3202

■ 35.8796, 59.9843,
14.6124

■ 33.4483, 58.7920,
11.7381

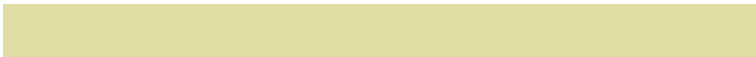
■ 31.5964, 57.8715,
10.1077

■ 30.4532, 57.2954,
9.4541

Harmonies

Analogous

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



63.9627, 70.7626, 46.0111



58.4041, 70.7626, 53.2282



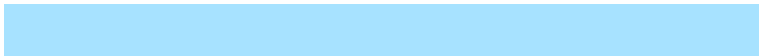
55.3303, 70.7626, 67.5309

Triad

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



58.4041, 70.7626, 53.2282



63.8468, 70.7626, 119.4878



80.8231, 70.7626, 67.8461

Complementary

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



58.4041, 70.7626, 53.2282



57.9975, 52.1956, 81.1504

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.



80.7868, 70.7626, 87.4207



58.4041, 70.7626, 53.2282



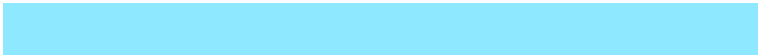
70.6640, 70.7626, 119.6112

Square

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



58.4041, 70.7626, 53.2282



58.3242, 70.7626, 106.7748



76.9637, 70.7626, 107.0877



77.0599, 70.7626, 53.4250

Rectangle

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



58.4041, 70.7626, 53.2282



54.9620, 70.7626, 80.2023



76.9637, 70.7626, 107.0877



81.2627, 70.7626, 73.9784

Sweetspot

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



58.4060, 70.7656, 53.2297



87.8593, 96.6098, 94.2526



64.4992, 68.0089, 52.3765



18.6784, 20.6185, 19.9176



0.0000, 0.0000, 0.0000



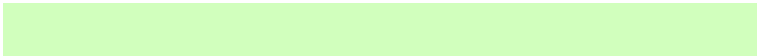
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4060, 70.7656, 53.2297



71.0906, 88.6763, 61.3429



55.7972, 69.2996, 58.5810



14.5937, 16.2976, 15.2810



17.5169, 32.8118, 5.4101



1.3857, 2.4717, 0.4041

Inverse Universe

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



57.9975, 52.1956, 81.1504



70.4813, 61.1676, 102.6995



61.2220, 54.0146, 74.2200



14.5522, 14.3869, 18.1543



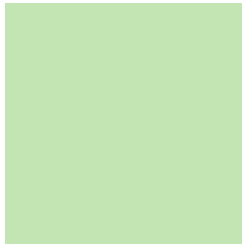
16.5375, 7.5913, 42.9768



1.3147, 0.6087, 3.1802

Previews

White Background



This preview shows how the XYZ color 58.4041, 70.7626, 53.2282 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 58.4041, 70.7626, 53.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

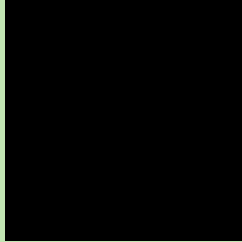
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4041, 70.7626, 53.2282

Background



This preview shows how black text looks on a background with the XYZ color 58.4041, 70.7626, 53.2282.

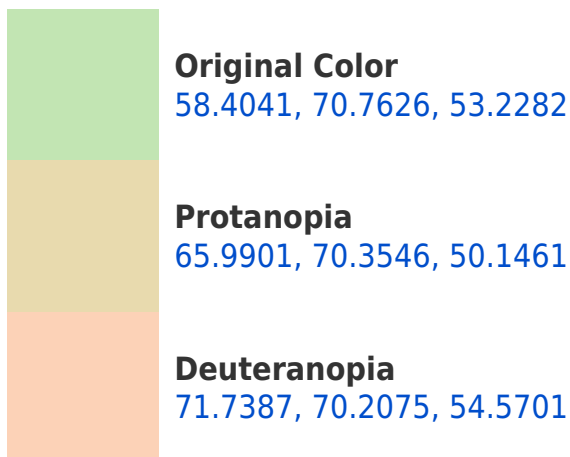


This preview shows how white text looks on a background with the XYZ color 58.4041, 70.7626,

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

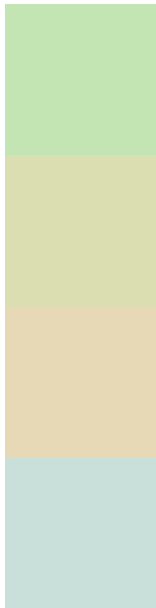




Tritanopia

66.0650, 70.6414, 91.8145

Trichromacy



Original Color

58.4041, 70.7626, 53.2282

Protanomaly

62.8712, 70.2826, 51.3265

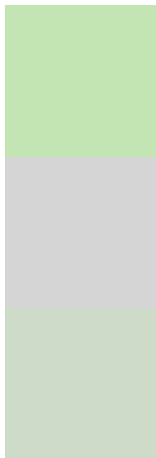
Deuteranomaly

66.2113, 69.9920, 54.2761

Tritanomaly

62.9995, 70.6004, 75.9525

Monochromacy



Original Color

58.4041, 70.7626, 53.2282

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.3277, 68.0019, 65.1517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4041, 70.7626, 53.2282 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(194, 229, 179)` looks like.

```
.text, #text, p{  
    color:rgb(194, 229, 179)  
}
```

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(194, 229, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 229, 179) }
```

Border

The CSS property to change the border of an element to XYZ 58.4041, 70.7626, 53.2282 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(194, 229, 179) }
```


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

```
.border{ border-color:rgb(194, 229, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 229, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 229, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 229, 179); box-shadow:4px 4px 4px 4px rgb(194, 229, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4041, 70.7626, 53.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 229, 179) }
```

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

```
.background{ background-color: rgb(194,  
229, 179) }
```

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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