

Converting Colors

XYZ(58.2050, 69.6785, 53.2620)

Have a look what the booklet for
XYZ(58.2050, 69.6785, 53.2620)
contains.

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Color

**XYZ(58.3707, 69.9286,
53.0689)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E3B3
RGB	196, 227, 179
RGB Percent	77%, 89%, 70%
CMY	0.2314, 0.1098, 0.2980
CMYK	0.14, 0.00, 0.21, 0.11
HSL	99°, 46%, 80%
HSV	99°, 21%, 89%
XYZ	58.3707, 69.9286, 53.0689
YIQ	212.2590, -3.0680, -21.5000

Conversions

Conversions Part 2

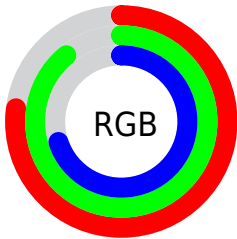
Format	Color
RYB	179, 227, 210
Decimal	12903347
CIELab	86.96, -18.80, 20.13
CIElCh	87, 27.541, 133.051
Yxy	69.9286, 0.3218, 0.3856
Android (android.graphics.Color)	4291093427 (0xFFC4E3B3)
YUV	212.2590, -16.3967, -14.2591
Hunter-Lab	83.6233, -21.7444, 20.9098

Details

The XYZ color **58.3707, 69.9286, 53.0689** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.5664, 51.4898, 79.6339**, and the grayscale version is **62.8603, 66.1339, 72.0199**.

A 20% lighter version of the original color is **91.2634, 98.4008, 92.7804**, and **29.6737, 36.7622, 25.2705** is the 20% darker color. If you saturate the color by 10%, you get **52.6325, 67.2163, 41.7865**, and if you desaturate by 10%, it is **64.8634, 72.9903, 66.3624**.

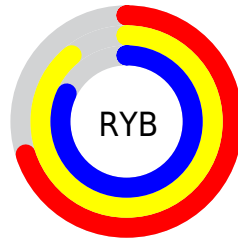
Distribution



Red (77%)

Green (89%)

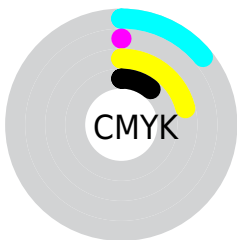
Blue (70%)



Red (70%)

Yellow (89%)

Blue (82%)

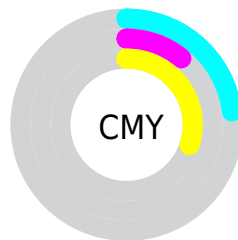


Cyan (14%)

Magenta (0%)

Yellow (21%)

Black (11%)



Cyan (23%)


Magenta (11%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3707, 69.9286, 53.0689 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 58.3707, 69.9286, 53.0689 by changing the saturation by 10% instead.

 58.3707, 69.9286,
53.0689

 58.3707, 69.9286,
53.0689


408.4975,
460.2993, 415.6232

 42.3512, 51.4683,
37.4697


 101.5824,
119.1069, 96.1483

 29.5687, 36.5815,
25.2727


129.5052,
150.5938, 124.4656

 19.6579, 24.8836,
16.0595

162.1265,
187.1916, 157.8593

 12.2534, 15.9904,
9.4114

199.8116,
229.2848, 196.7480

 6.9899, 9.5173,
4.9101

242.9259,
277.2578, 241.5502

 3.5021, 5.0801,
2.1368


291.8347,

 1.4245, 2.2944,

331.4949, 292.6844


0.6375


346.9035,
392.3806, 350.5692


 0.2736, 0.7707,
0.0000


 0.0000, 0.0000,
0.0000


 58.3707, 69.9286,
53.0689


 58.3707, 69.9286,
53.0689

 52.6325, 67.2163,
41.7865


 64.8634, 72.9903,
66.3624


 47.6140, 64.8315,
32.4128

 72.1324, 76.4044,
81.7536

 43.2861, 62.7634,
24.8433

 80.2055, 80.1856,
99.3295

 39.6149, 60.9972,
18.9617

 86.6311, 83.3543,
106.1308

■ 36.5635, 59.5167,
14.6380

■ 86.7605, 83.4210,
106.1368

■ 34.0909, 58.3040,
11.7232

■ 32.1492, 57.3383,
10.0394

■ 30.8116, 56.6634,
9.3132

Harmonies

Analogous

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



63.7097, 69.9286, 46.5723



58.3707, 69.9286, 53.0689



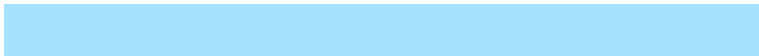
55.3172, 69.9286, 66.2696

Triad

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



58.3707, 69.9286, 53.0689



62.9226, 69.9286, 115.3191



79.2629, 69.9286, 68.4148

Complementary

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



58.3707, 69.9286, 53.0689



56.5664, 51.4898, 79.6339

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.



79.0182, 69.9286, 86.9456



58.3707, 69.9286, 53.0689



69.2987, 69.9286, 116.1439

Square

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



58.3707, 69.9286, 53.0689



57.8266, 69.9286, 102.9849



75.2751, 69.9286, 105.0836



75.9236, 69.9286, 54.4201

Rectangle

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



58.3707, 69.9286, 53.0689



54.8584, 69.9286, 78.0422



75.2751, 69.9286, 105.0836



79.6031, 69.9286, 74.2697

Sweetspot

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



58.3725, 69.9316, 53.0704



89.1410, 97.2272, 96.2731



62.7168, 65.3859, 51.9640



18.9470, 20.7482, 20.3254



0.0000, 0.0000, 0.0000



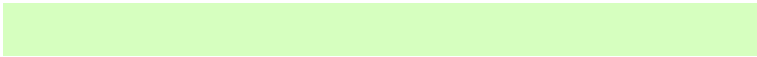
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3725, 69.9316, 53.0704



72.8721, 89.5625, 62.8811



54.8608, 68.0447, 56.3644



14.6685, 16.3362, 15.2845



18.0834, 33.1038, 5.4366



1.4344, 2.4968, 0.4063

Inverse Universe

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



56.5664, 51.4898, 79.6339



70.1521, 61.8177, 102.8423



60.7992, 53.7721, 75.3054



14.4739, 14.3466, 18.1506



15.1945, 6.8990, 42.9140



1.2228, 0.5614, 3.1759

Previews

White Background



This preview shows how the XYZ color 58.3707, 69.9286, 53.0689 looks on a white background.

Color Contrast Check

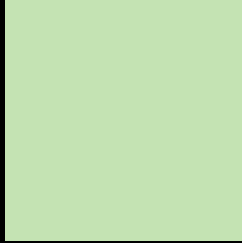
Large Text (above 18pt) WCAG AA × Fail

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 58.3707, 69.9286, 53.0689 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 58.3707, 69.9286, 53.0689

Background



This preview shows how black text looks on a background with the XYZ color 58.3707, 69.9286, 53.0689.

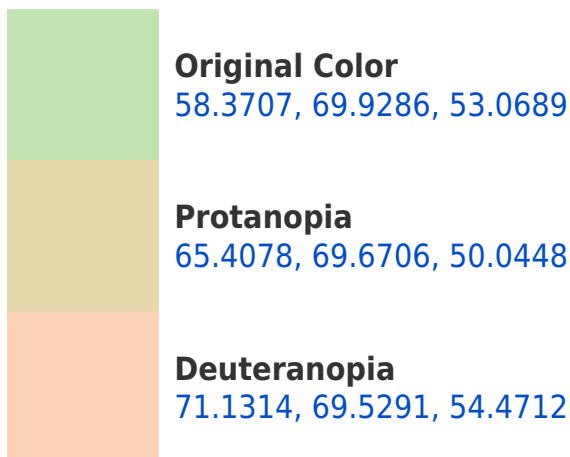


This preview shows how white text looks on a background with the XYZ color 58.3707, 69.9286,

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

65.7944, 69.7566, 90.1174

Trichromacy



Original Color

58.3707, 69.9286, 53.0689

Protanomaly

62.6064, 69.7529, 51.2382

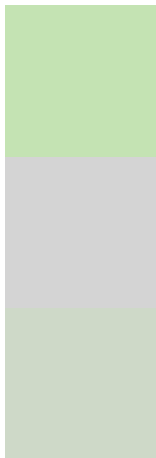
Deuteranomaly

65.9544, 69.4781, 54.1904

Tritanomaly

62.8731, 69.7570, 75.1164

Monochromacy



Original Color

58.3707, 69.9286, 53.0689

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.6918, 66.9177, 64.3612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3707, 69.9286, 53.0689 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(196, 227, 179)` looks like.

```
.text, #text, p{  
    color:rgb(196, 227, 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(196, 227, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 227, 179) }
```

Border

The CSS property to change the border of an element to XYZ 58.3707, 69.9286, 53.0689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

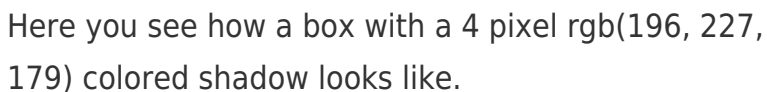
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 227, 179) }
```


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

```
.border{ border-color:rgb(196, 227, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 227, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 227, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 227, 179); box-shadow:4px 4px 4px 4px rgb(196, 227, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3707, 69.9286, 53.0689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 227, 179) }
```

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

```
.background{ background-color: rgb(196,  
227, 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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