

Converting Colors

XYZ(59.0866, 70.7169, 53.6853)

Have a look what the booklet for
XYZ(59.0866, 70.7169, 53.6853)
contains.

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Color

**XYZ(59.0076, 70.6524,
53.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E4B4
RGB	197, 228, 180
RGB Percent	77%, 89%, 71%
CMY	0.2274, 0.1059, 0.2941
CMYK	0.14, 0.00, 0.21, 0.11
HSL	99°, 47%, 80%
HSV	99°, 21%, 89%
XYZ	59.0076, 70.6524, 53.7073
YIQ	213.2590, -3.0680, -21.5000

Conversions

Conversions Part 2

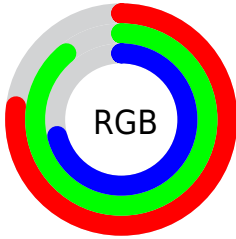
Format	Color
RYB	180, 228, 211
Decimal	12969140
CIELab	87.32, -18.79, 20.11
CIElCh	87, 27.518, 133.055
Yxy	70.6524, 0.3218, 0.3853
Android (android.graphics.Color)	4291159220 (0xFFC5E4B4)
YUV	213.2590, -16.3967, -14.2591
Hunter-Lab	84.0550, -21.7871, 20.9549

Details

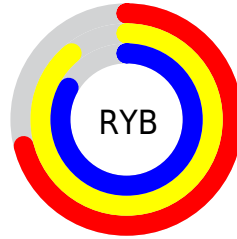
The XYZ color **59.0076, 70.6524, 53.7073** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.1917, 52.0948, 80.4435**, and the grayscale version is **63.5286, 66.8371, 72.7856**.

A 20% lighter version of the original color is **91.7734, 98.6470, 93.5607**, and **30.1020, 37.2591, 25.6839** is the 20% darker color. If you saturate the color by 10%, you get **53.2042, 67.9094, 42.2922**, and if you desaturate by 10%, it is **65.5736, 73.7486, 67.1554**.

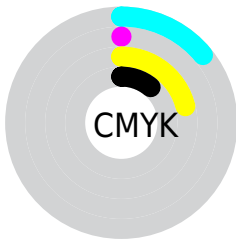
Distribution



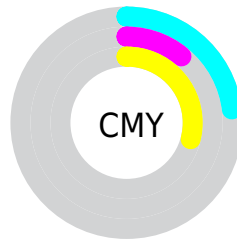
- Red (77%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (83%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0076, 70.6524, 53.7073 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 59.0076, 70.6524, 53.7073 by changing the saturation by 10% instead.


 59.0076, 70.6524,
53.7073

 59.0076, 70.6524,
53.7073

410.8237,
462.8374, 418.1359

 42.8656, 52.0586,
37.9761


 102.5033,
120.1387, 97.0964

 29.9738, 37.0518,
25.6625


130.5877,
151.7999, 125.5914

 19.9666, 25.2476,
16.3478


163.3836,
188.5857, 159.1781

 12.4789, 16.2616,
9.6136

201.2565,
230.8805, 198.2751

 7.1452, 9.7095,
5.0413

244.5715,
279.0687, 243.3008

 3.6002, 5.2067,
2.2123


293.6942,

 1.4786, 2.3691,

333.5346, 294.6738

0.6815


348.9898,
394.6627, 352.8126


 0.3112, 0.8099,
0.0000


 0.0000, 0.0000,
0.0000


 59.0076, 70.6524,
53.7073


 59.0076, 70.6524,
53.7073


 53.2042, 67.9094,
42.2922


 65.5736, 73.7486,
67.1554


 48.1284, 65.4974,
32.8068

 72.9244, 77.2010,
82.7240

 43.7505, 63.4056,
25.1455

 81.0879, 81.0245,
100.5011

 40.0367, 61.6190,
19.1907

 87.0348, 83.9696,
106.2283

■ 36.9495, 60.1212,
14.8113

■ 34.4474, 58.8941,
11.8568

■ 32.4822, 57.9168,
10.1477

■ 31.1161, 57.2276,
9.4060

Harmonies

Analogous

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



64.3800, 70.6524, 47.1619



59.0076, 70.6524, 53.7073



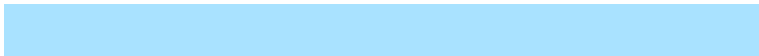
55.9346, 70.6524, 66.9984

Triad

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



59.0076, 70.6524, 53.7073



63.5897, 70.6524, 116.3214



80.0247, 70.6524, 69.1526

Complementary

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



59.0076, 70.6524, 53.7073



57.1917, 52.0948, 80.4435

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.



79.7792, 70.6524, 87.7942



59.0076, 70.6524, 53.7073



70.0045, 70.6524, 117.1484

Square

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



59.0076, 70.6524, 53.7073



58.4612, 70.6524, 103.9259



76.0155, 70.6524, 106.0309



76.6662, 70.6524, 55.0651

Rectangle

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



59.0076, 70.6524, 53.7073



55.4731, 70.6524, 78.8444



76.0155, 70.6524, 106.0309



80.3670, 70.6524, 75.0438

Sweetspot

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



59.0095, 70.6555, 53.7088



89.1410, 97.2272, 96.2731



63.3814, 66.0831, 52.5959



18.9471, 20.7482, 20.3254



0.0000, 0.0000, 0.0000



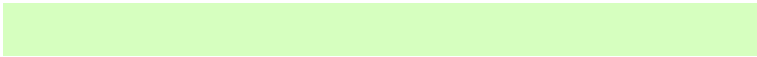
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0095, 70.6555, 53.7088



72.8721, 89.5625, 62.8811



55.4735, 68.7555, 57.0264



14.6685, 16.3362, 15.2845



18.0835, 33.1039, 5.4366



1.4344, 2.4968, 0.4063

Inverse Universe

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



57.1917, 52.0948, 80.4435



70.1521, 61.8177, 102.8423



61.4501, 54.3909, 76.0895



14.4739, 14.3466, 18.1506



15.1945, 6.8989, 42.9140



1.2228, 0.5614, 3.1759

Previews

White Background



This preview shows how the XYZ color 59.0076, 70.6524, 53.7073 looks on a white background.

Color Contrast Check

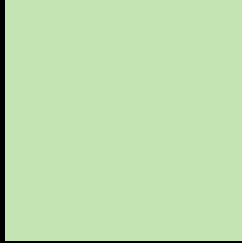
Large Text (above 18pt) WCAG AA × Fail

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 59.0076, 70.6524, 53.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

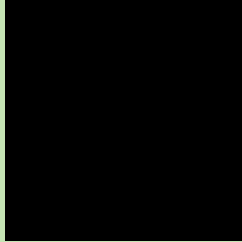
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0076, 70.6524, 53.7073

Background



This preview shows how black text looks on a background with the XYZ color 59.0076, 70.6524, 53.7073.



This preview shows how white text looks on a background with the XYZ color 59.0076, 70.6524,

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

59.0076, 70.6524, 53.7073

Protanopia

66.0880, 70.3938, 50.6616

Deuteranopia

71.8432, 70.2493, 55.1203



Tritanopia

66.4794, 70.4813, 90.9893

Trichromacy



Original Color

59.0076, 70.6524, 53.7073

Protanomaly

63.2705, 70.4769, 51.8637

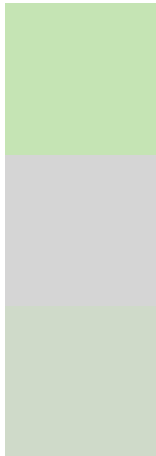
Deuteranomaly

66.6388, 70.2004, 54.8375

Tritanomaly

63.5407, 70.4816, 75.9010

Monochromacy



Original Color

59.0076, 70.6524, 53.7073

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.3461, 67.6253, 65.0780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0076, 70.6524, 53.7073 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(197, 228, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 228, 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(197, 228, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 228, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.0076, 70.6524, 53.7073 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(197, 228, 180) }
```


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

```
.border{ border-color:rgb(197, 228, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 228, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 228, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 228, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 228,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0076, 70.6524, 53.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 228, 180) }
```

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

```
.background{ background-color: rgb(197,  
228, 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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