

Converting Colors

XYZ(59.6417, 73.1087, 51.5254)

Have a look what the booklet for
XYZ(59.6417, 73.1087, 51.5254)
contains.

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Color

**XYZ(59.6417, 73.1087,
51.5254)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E9AF
RGB	196, 233, 175
RGB Percent	77%, 91%, 69%
CMY	0.2314, 0.0863, 0.3137
CMYK	0.16, 0.00, 0.25, 0.09
HSL	98°, 57%, 80%
HSV	98°, 25%, 91%
XYZ	59.6417, 73.1087, 51.5254
YIQ	215.3250, -3.4340, -25.8820

Conversions

Conversions Part 2

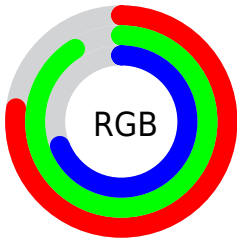
Format	Color
RYB	175, 233, 212
Decimal	12904879
CIELab	88.50, -22.37, 24.32
CIELCh	88, 33.040, 132.606
Yxy	73.1087, 0.3237, 0.3967
Android (android.graphics.Color)	4291094959 (0xFFC4E9AF)
YUV	215.3250, -19.8802, -16.9480
Hunter-Lab	85.5036, -25.1215, 24.1237

Details

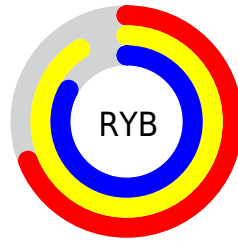
The XYZ color **59.6417, 73.1087, 51.5254** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.1924, 50.5423, 83.8359**, and the grayscale version is **64.9454, 68.3277, 74.4088**.

A 20% lighter version of the original color is **90.6918, 98.1722, 89.7705**, and **30.3903, 38.6002, 24.2612** is the 20% darker color. If you saturate the color by 10%, you get **53.8713, 70.3782, 40.3228**, and if you desaturate by 10%, it is **66.1939, 76.2010, 64.8288**.

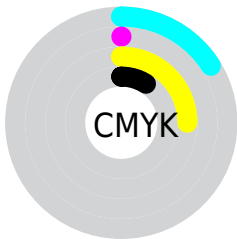
Distribution



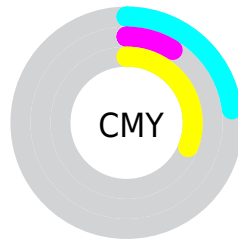
- Red (77%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6417, 73.1087, 51.5254 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 59.6417, 73.1087, 51.5254 by changing the saturation by 10% instead.

■ 59.6417, 73.1087,
51.5254

■ 59.6417, 73.1087,
51.5254

413.1318,
471.3915, 409.5063

■ 43.3783, 54.0648,
36.2473

■ 103.4190,
123.6315, 93.8504

■ 30.3778, 38.6535,
24.3340

131.6636,
155.8793, 121.7343

■ 20.2750, 26.4903,
15.3671

164.6327,
193.2971, 154.6573

■ 12.7046, 17.1908,
8.9280

202.6915,
236.2694, 193.0378

■ 7.3010, 10.3706,
4.5980

246.2055,
285.1806, 237.2944

■ 3.6991, 5.6454,
1.9588

295.5399,


■ 1.5333, 2.6307,


340.4151, 287.8457


0.5298


351.0602,
402.3573, 345.1101


 0.3483, 0.9421,
0.0000


 0.0000, 0.0000,
0.0000


 59.6417, 73.1087,
51.5254

 59.6417, 73.1087,
51.5254


 53.8713, 70.3782,
40.3228


 66.1939, 76.2010,
64.8288


 48.8458, 67.9861,
31.1090

 73.5518, 79.6587,
80.3278

 44.5332, 65.9209,
23.7686

 81.7450, 83.4972,
98.1173

 40.8971, 64.1665,
18.1727

 88.4304, 86.7608,
106.6935

■ 37.8970, 62.7053,
14.1759

■ 35.4873, 61.5173,
11.6093

■ 33.6143, 60.5795,
10.2659

■ 32.8283, 60.1820,
9.8861

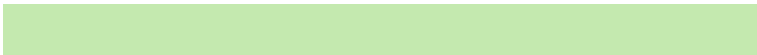
Harmonies

Analogous

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



66.2035, 73.1087, 44.0580



59.6417, 73.1087, 51.5254



55.8933, 73.1087, 67.2164

Triad

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



59.6417, 73.1087, 51.5254



65.0161, 73.1087, 129.1326



85.5038, 73.1087, 70.4225

Complementary

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



59.6417, 73.1087, 51.5254



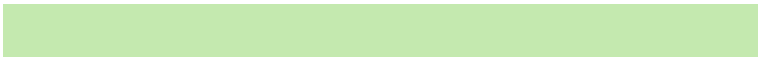
57.1924, 50.5423, 83.8359

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.



85.1247, 73.1087, 93.4248



59.6417, 73.1087, 51.5254



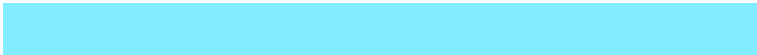
72.8787, 73.1087, 130.4441

Square

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



59.6417, 73.1087, 51.5254



58.8297, 73.1087, 113.0812



80.3616, 73.1087, 116.3813



81.3607, 73.1087, 53.4852

Rectangle

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



59.6417, 73.1087, 51.5254



55.3043, 73.1087, 81.6111



80.3616, 73.1087, 116.3813



85.9095, 73.1087, 77.6280

Sweetspot

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



59.6436, 73.1119, 51.5270



88.2418, 96.8070, 94.2705



64.8219, 67.3755, 50.1468



18.7668, 20.6641, 19.9217



0.0000, 0.0000, 0.0000



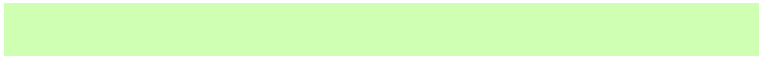
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6436, 73.1119, 51.5270



69.3540, 87.9042, 55.6950



55.3398, 70.8029, 55.4054



15.3831, 17.1275, 16.0139



18.7503, 34.2106, 5.6151



1.5745, 2.7390, 0.4457

Inverse Universe

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



57.1924, 50.5423, 83.8359



65.8449, 55.6407, 101.8771



62.5640, 53.4364, 78.4452



15.1553, 15.0253, 19.0237



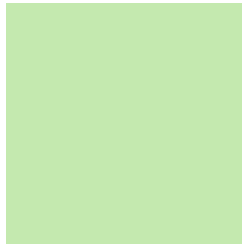
15.4825, 7.0174, 44.2814



1.3204, 0.6050, 3.4821

Previews

White Background



This preview shows how the XYZ color 59.6417, 73.1087, 51.5254 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 59.6417, 73.1087, 51.5254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

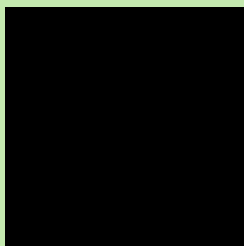
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

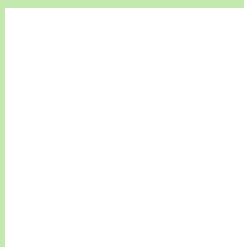
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6417, 73.1087, 51.5254

Background



This preview shows how black text looks on a background with the XYZ color 59.6417, 73.1087, 51.5254.



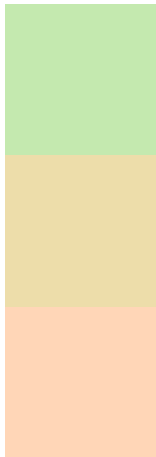
This preview shows how white text looks on a background with the XYZ color 59.6417, 73.1087,

51.5254.

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

59.6417, 73.1087, 51.5254

Protanopia

68.0372, 72.6197, 48.4613

Deuteranopia

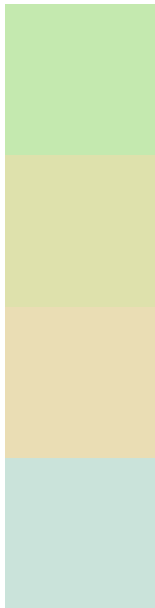
73.8338, 72.7720, 54.9547



Tritanopia

68.1363, 72.8439, 94.4735

Trichromacy



Original Color

59.6417, 73.1087, 51.5254

Protanomaly

64.4958, 72.3586, 49.5970

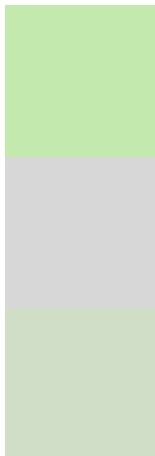
Deuteranomaly

68.0264, 72.5006, 53.5887

Tritanomaly

64.4811, 72.5567, 76.9360

Monochromacy



Original Color

59.6417, 73.1087, 51.5254

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.5590, 69.8226, 64.8235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6417, 73.1087, 51.5254 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, 233, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 233, 175)  
}
```

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, 233, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 233, 175) }
```

Border

The CSS property to change the border of an element to XYZ 59.6417, 73.1087, 51.5254 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, 233, 175) }
```


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

```
.border{ border-color:rgb(196, 233, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 233, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 233, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 233, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 233,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6417, 73.1087, 51.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 233, 175) }
```

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

```
.background{ background-color: rgb(196,  
233, 175) }
```

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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