

Converting Colors

XYZ(59.9381, 76.2845, 51.1005)

Have a look what the booklet for
XYZ(59.9381, 76.2845, 51.1005)
contains.

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Color

**XYZ(59.9381, 76.2845,
51.1005)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF0AD
RGB	190, 240, 173
RGB Percent	75%, 94%, 68%
CMY	0.2549, 0.0588, 0.3216
CMYK	0.21, 0.00, 0.28, 0.06
HSL	105°, 69%, 81%
HSV	105°, 28%, 94%
XYZ	59.9381, 76.2845, 51.1005
YIQ	217.4120, -8.2930, -31.4370

Conversions

Conversions Part 2

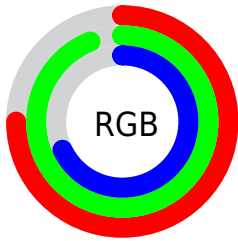
Format	Color
RYB	173, 240, 223
Decimal	12513453
CIELab	89.99, -28.09, 27.32
CIElCh	90, 39.183, 135.795
Yxy	76.2845, 0.3200, 0.4072
Android (android.graphics.Color)	4290703533 (0xFFBEF0AD)
YUV	217.4120, -21.8951, -24.0403
Hunter-Lab	87.3410, -30.3504, 26.4500

Details

The XYZ color **59.9381, 76.2845, 51.1005** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.1066, 51.8687, 89.2332**, and the grayscale version is **66.3875, 69.8448, 76.0610**.

A 20% lighter version of the original color is **88.2606, 96.9513, 88.1904**, and **30.6840, 40.8713, 24.0410** is the 20% darker color. If you saturate the color by 10%, you get **53.6194, 73.2740, 39.7518**, and if you desaturate by 10%, it is **67.2278, 79.7519, 64.6754**.

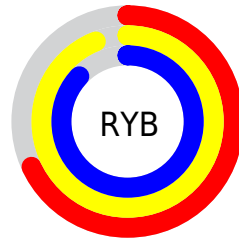
Distribution



Red (75%)

Green (94%)

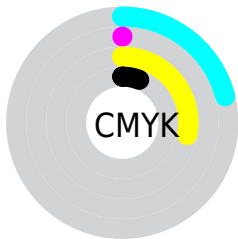
Blue (68%)



Red (68%)

Yellow (94%)

Blue (87%)

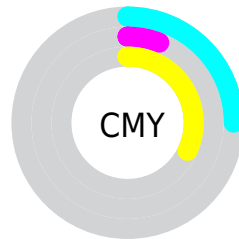


Cyan (21%)

Magenta (0%)

Yellow (28%)

Black (6%)



Cyan (25%)


Magenta (6%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9381, 76.2845, 51.1005 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 59.9381, 76.2845, 51.1005 by changing the saturation by 10% instead.


 59.9381, 76.2845,
51.1005

 59.9381, 76.2845,
51.1005


414.2080,
482.3210, 407.8118

 43.6180, 56.6658,
35.9113


 103.8467,
128.1290, 93.2163

 30.5669, 40.7370,
24.0766


132.1660,
161.1236, 120.9801

 20.4195, 28.1136,
15.1777


165.2157,
199.3456, 153.7724

 12.8104, 18.4113,
8.7962

203.3611,
243.1795, 192.0118

 7.3742, 11.2457,
4.5135

246.9677,
293.0095, 236.1170

 3.7456, 6.2324,
1.9111


296.4008,


 1.5592, 2.9869,


349.2202, 286.5063


0.4998


352.0258,
412.1959, 343.5984

 0.3656, 1.1249,
0.0000


 0.0000, 0.0000,
0.0000


 59.9381, 76.2845,
51.1005


 59.9381, 76.2845,
51.1005


 53.6194, 73.2740,
39.7518


 67.2278, 79.7519,
64.6754


 48.2236, 70.6915,
30.5056

 75.5221, 83.6843,
80.5812

 43.7072, 68.5194,
23.2341

 84.8603, 88.1020,
98.9221

 40.0206, 66.7355,
17.7932

 90.4517, 90.8033,
107.3672

■ 37.1088, 65.3150,
14.0193

■ 34.9094, 64.2297,
11.7200

■ 33.3439, 63.4451,
10.6323

■ 33.0793, 63.3119,
10.4770

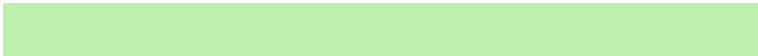
Harmonies

Analogous

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



67.5457, 76.2845, 41.5273



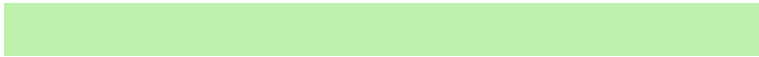
59.9381, 76.2845, 51.1005



55.8828, 76.2845, 70.6277

Triad

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



59.9381, 76.2845, 51.1005



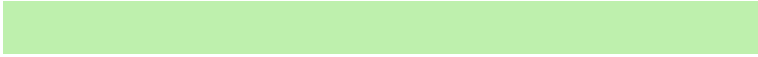
68.0239, 76.2845, 146.3680



91.9797, 76.2845, 69.3499

Complementary

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



59.9381, 76.2845, 51.1005



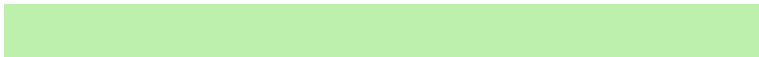
61.1066, 51.8687, 89.2332

Split Complementary

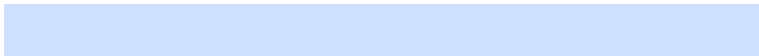
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1368, 76.2845, 96.8736



59.9381, 76.2845, 51.1005



77.7037, 76.2845, 145.8087

Square

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



59.9381, 76.2845, 51.1005



60.2612, 76.2845, 127.5498



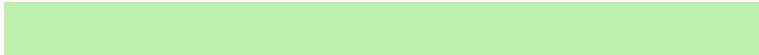
86.7186, 76.2845, 126.1592



86.3067, 76.2845, 50.3458

Rectangle

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



59.9381, 76.2845, 51.1005



55.4844, 76.2845, 88.5733



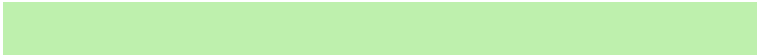
86.7186, 76.2845, 126.1592



92.6953, 76.2845, 77.7820

Sweetspot

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



59.9401, 76.2878, 51.1022



86.5566, 95.9810, 92.2588



69.6380, 73.8592, 50.1223



18.2034, 20.3908, 19.1207



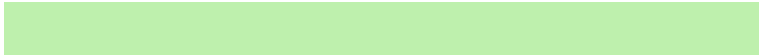
0.0000, 0.0000, 0.0000



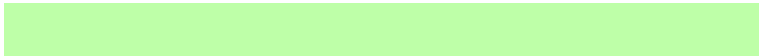
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9401, 76.2878, 51.1022



64.1649, 85.3436, 50.2836



57.5416, 74.8662, 59.3553



15.9417, 17.8501, 16.7549



18.2105, 34.7094, 5.7398



1.6038, 2.9333, 0.4817

Inverse Universe

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



61.1066, 51.8687, 89.2332



65.7139, 52.6606, 101.3088



64.3860, 53.8162, 77.7794



16.0399, 15.8178, 19.9294



18.9299, 8.7641, 45.8218



1.6657, 0.7760, 3.8162

Previews

White Background



This preview shows how the XYZ color 59.9381, 76.2845, 51.1005 looks on a white background.

Color Contrast Check

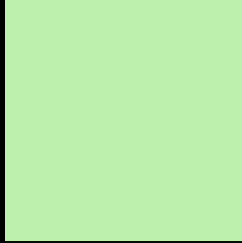
Large Text (above 18pt) WCAG AA × Fail

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 59.9381, 76.2845, 51.1005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

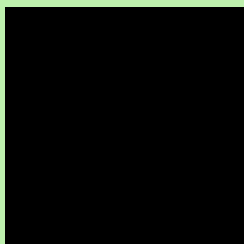
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

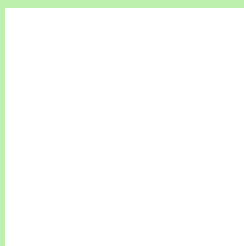
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9381, 76.2845, 51.1005

Background



This preview shows how black text looks on a background with the XYZ color 59.9381, 76.2845, 51.1005.

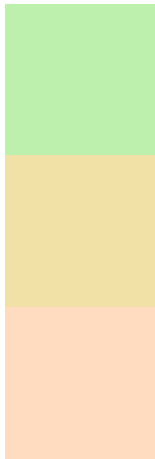


This preview shows how white text looks on a background with the XYZ color 59.9381, 76.2845,

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

59.9381, 76.2845, 51.1005

Protanopia

70.5182, 75.5177, 47.4189

Deuteranopia

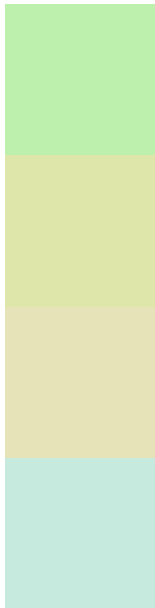
75.9755, 75.6846, 59.8945



Tritanopia

69.7528, 75.9897, 100.6137

Trichromacy



Original Color

59.9381, 76.2845, 51.1005

Protanomaly

65.8897, 75.1462, 48.5680

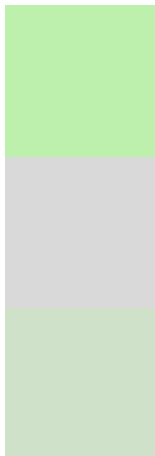
Deuteranomaly

69.0758, 75.3878, 56.2580

Tritanomaly

65.7627, 76.0719, 79.6239

Monochromacy



Original Color

59.9381, 76.2845, 51.1005

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

63.2000, 71.3329, 65.6960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9381, 76.2845, 51.1005 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(190, 240, 173)` looks like.

```
.text, #text, p{  
    color:rgb(190, 240, 173)  
}
```

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(190, 240, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 240, 173) }
```

Border

The CSS property to change the border of an element to XYZ 59.9381, 76.2845, 51.1005 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(190, 240, 173) }
```


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

```
.border{ border-color:rgb(190, 240, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 240, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 240, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 240, 173);  
box-shadow:4px 4px 4px 4px rgb(190, 240,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9381, 76.2845, 51.1005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 240, 173) }
```

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

```
.background{ background-color: rgb(190,  
240, 173) }
```

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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