

Converting Colors

XYZ(59.3471, 79.8519, 47.2671)

Have a look what the booklet for
XYZ(59.3471, 79.8519, 47.2671)
contains.

XYZ(59.3243, 79.6389, 47.3671)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.3243, 79.6389,
47.3671)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F8A4
RGB	181, 248, 164
RGB Percent	71%, 97%, 64%
CMY	0.2902, 0.0274, 0.3569
CMYK	0.27, 0.00, 0.34, 0.03
HSL	108°, 86%, 81%
HSV	108°, 34%, 97%
XYZ	59.3243, 79.6389, 47.3671
YIQ	218.3910, -12.9680, -40.3280

Conversions

Conversions Part 2

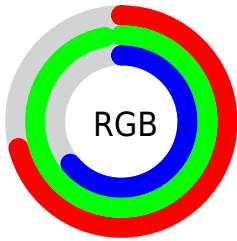
Format	Color
RYB	164, 248, 231
Decimal	11925668
CIELab	91.52, -36.16, 33.84
CIElCh	92, 49.524, 136.896
Yxy	79.6389, 0.3184, 0.4274
Android (android.graphics.Color)	4290115748 (0xFFB5F8A4)
YUV	218.3910, -26.8148, -32.7919
Hunter-Lab	89.2406, -37.5100, 30.9985

Details

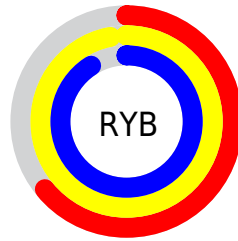
The XYZ color **59.3243, 79.6389, 47.3671** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **63.1773, 50.3196, 95.1940**, and the grayscale version is **67.0981, 70.5924, 76.8751**.

A 20% lighter version of the original color is **83.9382, 94.8644, 81.5968**, and **30.1042, 42.8449, 21.7222** is the 20% darker color. If you saturate the color by 10%, you get **52.9861, 76.6078, 36.4977**, and if you desaturate by 10%, it is **66.7620, 83.1910, 60.5709**.

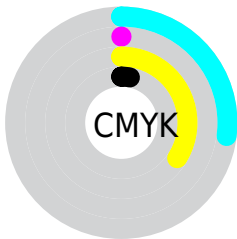
Distribution



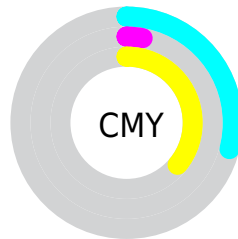
- Red (71%)
- Green (97%)
- Blue (64%)



- Red (64%)
- Yellow (97%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (34%)
- Black (3%)





- Cyan (29%)
- Magenta (3%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3243, 79.6389, 47.3671 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 59.3243, 79.6389, 47.3671 by changing the saturation by 10% instead.


 59.3243, 79.6389,
47.3671


 59.3243, 79.6389,
47.3671


411.9774,
493.7151, 392.7140

 43.1216, 59.4213,
32.9695


 102.9608,
132.8579, 87.6170

 30.1755, 42.9523,
21.8322


 131.1253,
166.6281, 114.3065

 20.1206, 29.8477,
13.5365


164.0078,
205.6845, 145.9303

 12.5915, 19.7230,
7.6640

201.9736,
250.4117, 182.9071

 7.2229, 12.1939,
3.7960

245.3881,
301.1939, 225.6553

 3.6495, 6.8759,
1.5141


294.6167,


 1.5058, 3.3846,


358.4156, 274.5935


0.2284


350.0247,
422.4612, 330.1402


 0.3298, 1.3357,
0.0000


 0.0000, 0.1686,
0.0000


 59.3243, 79.6389,
47.3671


 59.3243, 79.6389,
47.3671


 52.9861, 76.6078,
36.4977


 66.7620, 83.1910,
60.5709


 47.6881, 74.0632,
27.8219

 75.3425, 87.2768,
76.2284

 43.3748, 71.9818,
21.1919

 85.1142, 91.9209,
94.4571

 39.9824, 70.3347,
16.4394

 92.8590, 95.6180,
108.1697

■ 37.4396, 69.0891,
13.3697

■ 35.6627, 68.2072,
11.7451

■ 34.8935, 67.8208,
11.2517

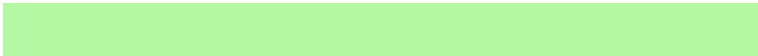
Harmonies

Analogous

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



68.8589, 79.6389, 35.7674



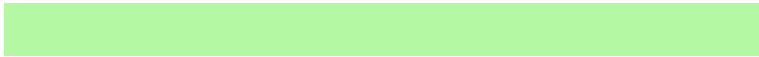
59.3243, 79.6389, 47.3671



54.4353, 79.6389, 71.8922

Triad

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



59.3243, 79.6389, 47.3671



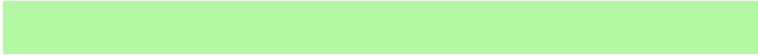
70.3250, 79.6389, 173.5350



101.3670, 79.6389, 68.0438

Complementary

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



59.3243, 79.6389, 47.3671



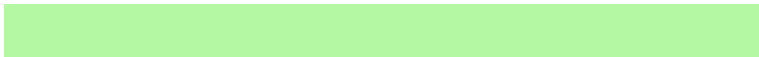
63.1773, 50.3196, 95.1940

Split Complementary

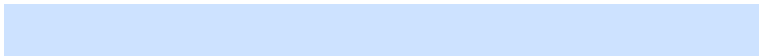
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.8727, 79.6389, 103.4428



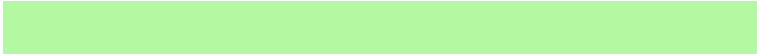
59.3243, 79.6389, 47.3671



82.9679, 79.6389, 171.6522

Square

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



59.3243, 79.6389, 47.3671



60.2945, 79.6389, 147.9909



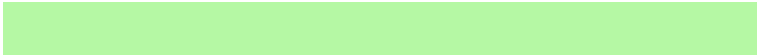
94.8288, 79.6389, 143.3965



93.5157, 79.6389, 45.2277

Rectangle

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



59.3243, 79.6389, 47.3671



54.0698, 79.6389, 95.3272



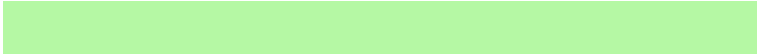
94.8288, 79.6389, 143.3965



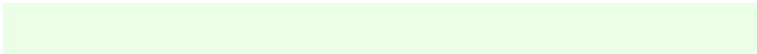
102.4300, 79.6389, 78.6344

Sweetspot

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



59.3263, 79.6423, 47.3689



84.1216, 94.8095, 88.3617



73.6568, 79.1228, 46.5133



17.6991, 20.1475, 18.3437



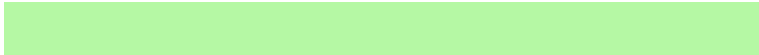
0.0000, 0.0000, 0.0000



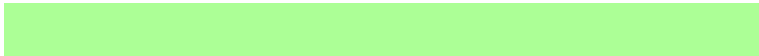
20.3446, 21.4041, 23.3091

Same Dimension

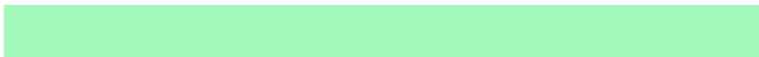
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.3263, 79.6423, 47.3689



58.2283, 82.4627, 41.8925



57.9353, 78.6532, 59.5939



17.3454, 19.4783, 18.3079



18.9393, 36.6818, 6.0821



1.8365, 3.4398, 0.5672

Inverse Universe

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



63.1773, 50.3196, 95.1940



62.9087, 46.6426, 100.2950



65.4715, 51.9022, 77.2339



17.6289, 17.3368, 21.8025



21.8256, 10.1942, 48.7909



2.1055, 0.9875, 4.5228

Previews

White Background



This preview shows how the XYZ color 59.3243, 79.6389, 47.3671 looks on a white background.

Color Contrast Check

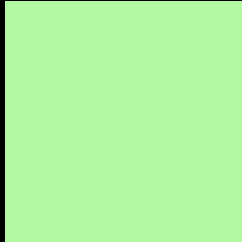
Large Text (above 18pt) WCAG AA × Fail

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 59.3243, 79.6389, 47.3671 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 59.3243, 79.6389, 47.3671

Background



This preview shows how black text looks on a background with the XYZ color 59.3243, 79.6389, 47.3671.

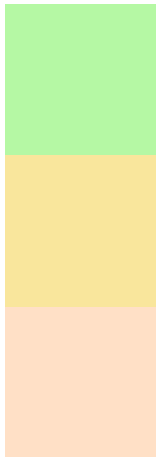


This preview shows how white text looks on a background with the XYZ color 59.3243, 79.6389,

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

59.3243, 79.6389, 47.3671

Protanopia

73.3645, 79.1337, 42.8601

Deuteranopia

78.0887, 78.6485, 64.4910



Tritanopia

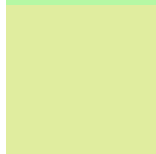
71.0714, 79.0812, 106.1261

Trichromacy



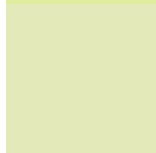
Original Color

59.3243, 79.6389, 47.3671



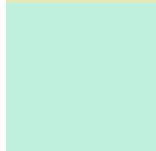
Protanomaly

67.2827, 78.9189, 44.4876



Deuteranomaly

69.9967, 78.3170, 57.8818



Tritanomaly

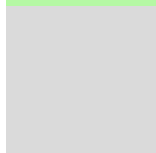
65.8308, 78.6705, 80.8225

Monochromacy



Original Color

59.3243, 79.6389, 47.3671



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.3892, 73.0950, 64.1939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3243, 79.6389, 47.3671 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(181, 248, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 248, 164)  
}
```

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(181, 248, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 248, 164) }
```

Border

The CSS property to change the border of an element to XYZ 59.3243, 79.6389, 47.3671 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(181, 248, 164) }
```


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

```
.border{ border-color:rgb(181, 248, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 248, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 248, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 248, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 248,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3243, 79.6389, 47.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 248, 164) }
```

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

```
.background{ background-color: rgb(181,  
248, 164) }
```

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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