

Converting Colors

XYZ(59.3678, 76.7600, 61.1955)

Have a look what the booklet for
XYZ(59.3678, 76.7600, 61.1955)
contains.

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Color

**XYZ(59.2876, 76.6130,
60.9532)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F2BF
RGB	177, 242, 191
RGB Percent	69%, 95%, 75%
CMY	0.3059, 0.0510, 0.2510
CMYK	0.27, 0.00, 0.21, 0.05
HSL	133°, 71%, 82%
HSV	133°, 27%, 95%
XYZ	59.2876, 76.6130, 60.9532
YIQ	216.7510, -22.3690, -29.6410

Conversions

Conversions Part 2

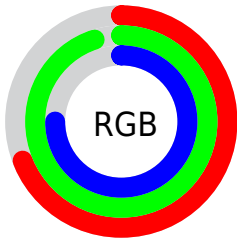
Format	Color
RYB	177, 230, 242
Decimal	11662015
CIELab	90.14, -30.30, 18.17
CIElCh	90, 35.332, 149.046
Yxy	76.6130, 0.3012, 0.3892
Android (android.graphics.Color)	4289852095 (0xFFB1F2BF)
YUV	216.7510, -12.6952, -34.8616
Hunter-Lab	87.5289, -32.2687, 19.9819

Details

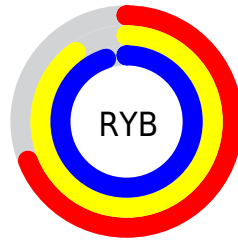
The XYZ color **59.2876, 76.6130, 60.9532** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.3464, 55.9248, 80.6999**, and the grayscale version is **65.8797, 69.3106, 75.4792**.

A 20% lighter version of the original color is **86.4802, 95.7278, 101.9150**, and **30.2426, 41.1349, 30.0128** is the 20% darker color. If you saturate the color by 10%, you get **52.3007, 73.2393, 50.4168**, and if you desaturate by 10%, it is **67.5270, 80.6054, 72.9657**.

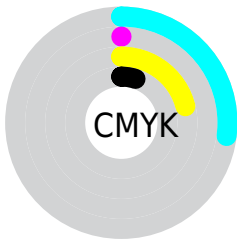
Distribution



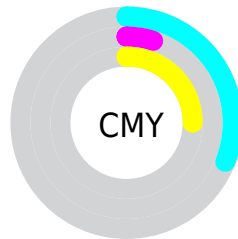
- Red (69%)
- Green (95%)
- Blue (75%)



- Red (69%)
- Yellow (90%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)





- Cyan (31%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2876, 76.6130, 60.9532 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 59.2876, 76.6130, 60.9532 by changing the saturation by 10% instead.


 59.2876, 76.6130,
60.9532

 59.2876, 76.6130,
60.9532


411.8438,
483.4435, 446.0042

 43.0919, 56.9353,
43.7571


 102.9078,
128.5930, 107.7680

 30.1521, 40.9533,
30.1438


131.0630,
161.6642, 138.2238

 20.1027, 28.2826,
19.6948


163.9355,
199.9686, 173.9366

 12.5784, 18.5388,
11.9915

201.8906,
243.8907, 215.3249

 7.2139, 11.3375,
6.6154

245.2936,
293.8148, 262.8073

 3.6437, 6.2943,
3.1480


294.5099,


 1.5026, 3.0249,


350.1254, 316.8023


1.1707


349.9048,
413.2068, 377.7284


 0.3276, 1.1447,
0.0000


 0.0000, 0.0159,
0.0000


 59.2876, 76.6130,
60.9532


 59.2876, 76.6130,
60.9532


 52.3007, 73.2393,
50.4168


 67.5270, 80.6054,
72.9657


 46.4982, 70.4439,
41.2944

 77.0705, 85.2355,
86.5030

 41.8148, 68.1966,
33.5273

 87.9740, 90.5332,
101.6178

 38.1761, 66.4603,
27.0505

 91.0436, 91.9872,
107.5645

■ 35.4986, 65.1936,
21.7937

■ 33.6852, 64.3479,
17.6797

■ 32.6146, 63.8626,
14.6220

■ 32.3762, 63.7563,
13.8631

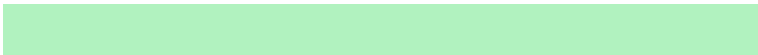
Harmonies

Analogous

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



64.9309, 76.6130, 47.9074



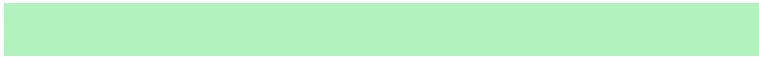
59.2876, 76.6130, 60.9532



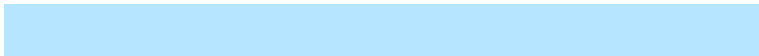
57.2191, 76.6130, 82.6164

Triad

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



59.2876, 76.6130, 60.9532



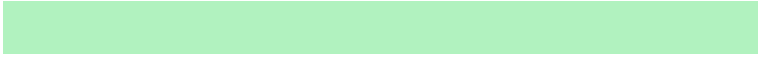
72.5377, 76.6130, 141.6534



88.5853, 76.6130, 62.0910

Complementary

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



59.2876, 76.6130, 60.9532



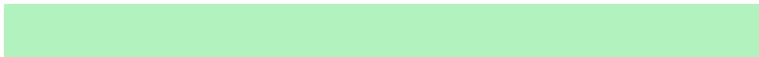
66.3464, 55.9248, 80.6999

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.



91.0225, 76.6130, 84.2259



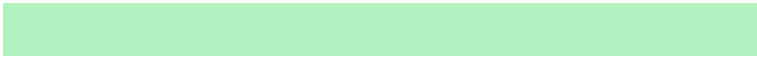
59.2876, 76.6130, 60.9532



81.3200, 76.6130, 133.1884

Square

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



59.2876, 76.6130, 60.9532



64.4810, 76.6130, 132.0921



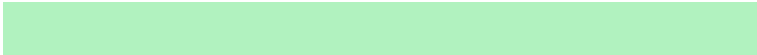
88.2655, 76.6130, 110.8196



81.8450, 76.6130, 48.4656

Rectangle

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



59.2876, 76.6130, 60.9532



58.0071, 76.6130, 100.1992



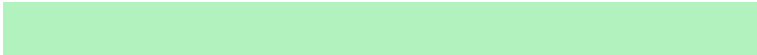
88.2655, 76.6130, 110.8196



89.9578, 76.6130, 68.6245

Sweetspot

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



59.2896, 76.6162, 60.9549



85.4681, 95.3458, 95.5554



72.0041, 83.3403, 53.8871



17.9316, 20.2322, 19.9431



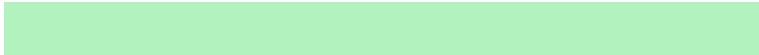
0.0000, 0.0000, 0.0000



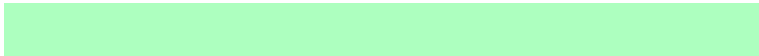
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2896, 76.6162, 60.9549



62.4834, 84.2104, 62.2368



63.1379, 78.1555, 81.2197



15.7052, 17.7121, 17.4706



17.4328, 34.2651, 7.6621



1.4859, 2.8648, 0.8251

Inverse Universe

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



66.3464, 55.9248, 80.6999



71.6086, 57.4401, 87.7596



62.3633, 54.3315, 59.7252



16.3000, 15.9697, 19.1359



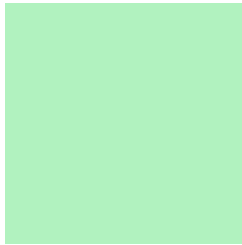
24.7098, 12.1564, 27.4522



2.0914, 1.0256, 2.4723

Previews

White Background



This preview shows how the XYZ color 59.2876, 76.6130, 60.9532 looks on a white background.

Color Contrast Check

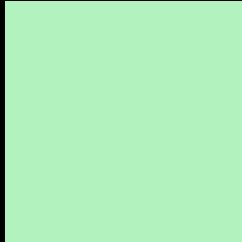
Large Text (above 18pt) WCAG AA × Fail

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 59.2876, 76.6130, 60.9532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

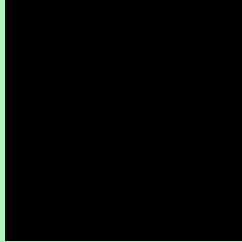
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2876, 76.6130, 60.9532

Background



This preview shows how black text looks on a background with the XYZ color 59.2876, 76.6130, 60.9532.



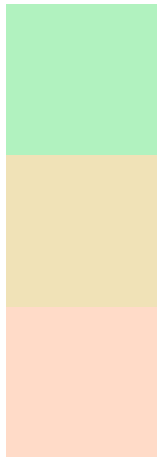
This preview shows how white text looks on a background with the XYZ color 59.2876, 76.6130,

60.9532.

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

59.2876, 76.6130, 60.9532

Protanopia

71.6788, 76.3369, 55.7564

Deuteranopia

76.9968, 76.0932, 65.2729



Tritanopia

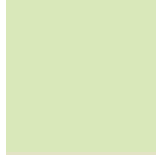
67.7325, 76.5653, 103.3042

Trichromacy



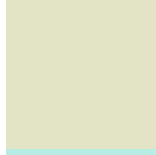
Original Color

59.2876, 76.6130, 60.9532



Protanomaly

66.3348, 76.0101, 57.6296



Deuteranomaly

69.2257, 75.3003, 63.7091



Tritanomaly

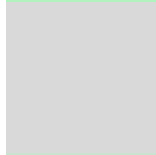
64.3343, 76.4719, 86.2327

Monochromacy



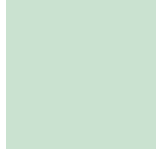
Original Color

59.2876, 76.6130, 60.9532



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.9386, 71.5033, 70.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2876, 76.6130, 60.9532 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(177, 242, 191)` looks like.

```
.text, #text, p{  
    color:rgb(177, 242, 191)  
}
```

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(177, 242, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 242, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.2876, 76.6130, 60.9532 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(177, 242, 191) }
```


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

```
.border{ border-color:rgb(177, 242, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 242, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 242, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 242, 191);  
box-shadow:4px 4px 4px 4px rgb(177, 242,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2876, 76.6130, 60.9532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 242, 191) }
```

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

```
.background{ background-color: rgb(177,  
242, 191) }
```

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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