

Converting Colors

XYZ(59.9002, 74.0809, 60.6934)

Have a look what the booklet for
XYZ(59.9002, 74.0809, 60.6934)
contains.

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Color

**XYZ(59.6058, 73.7430,
60.3825)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEBBF
RGB	187, 235, 191
RGB Percent	73%, 92%, 75%
CMY	0.2667, 0.0784, 0.2510
CMYK	0.20, 0.00, 0.19, 0.08
HSL	125°, 55%, 83%
HSV	125°, 20%, 92%
XYZ	59.6058, 73.7430, 60.3825
YIQ	215.6320, -14.4840, -23.8600

Conversions

Conversions Part 2

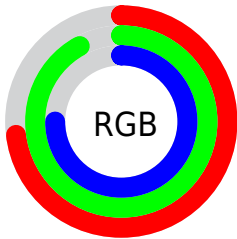
Format	Color
RYB	187, 231, 235
Decimal	12315583
CIELab	88.80, -23.75, 16.37
CIELCh	89, 28.849, 145.416
Yxy	73.7430, 0.3077, 0.3806
Android (android.graphics.Color)	4290505663 (0xFFBBEBBF)
YUV	215.6320, -12.1436, -25.1103
Hunter-Lab	85.8737, -26.3805, 18.4216

Details

The XYZ color **59.6058, 73.7430, 60.3825** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.4576, 58.9740, 83.4849**, and the grayscale version is **65.1085, 68.4992, 74.5957**.

A 20% lighter version of the original color is **89.8567, 97.4685, 102.0730**, and **30.3083, 39.0329, 29.6036** is the 20% darker color. If you saturate the color by 10%, you get **52.1215, 70.1409, 48.5544**, and if you desaturate by 10%, it is **68.3836, 77.9759, 74.0944**.

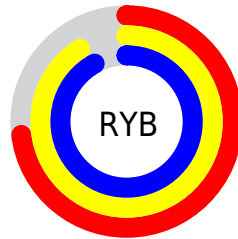
Distribution



Red (73%)

Green (92%)

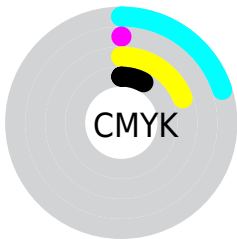
Blue (75%)



Red (73%)

Yellow (91%)

Blue (92%)

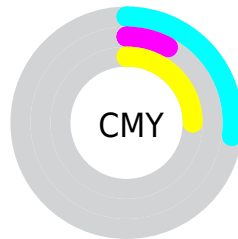


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (8%)



Cyan (27%)


Magenta (8%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6058, 73.7430, 60.3825 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 59.6058, 73.7430, 60.3825 by changing the saturation by 10% instead.


 59.6058, 73.7430,
60.3825

 59.6058, 73.7430,
60.3825


413.0013,
473.5859, 443.8499

 43.3492, 54.5837,
43.2997


 103.3672,
124.5314, 106.9331

 30.3549, 39.0685,
29.7872


131.6028,
156.9294, 137.2380

 20.2576, 26.8130,
19.4264


164.5620,
194.5090, 172.7874

 12.6917, 17.4329,
11.7989

202.6103,
237.6546, 213.9998

 7.2922, 10.5436,
6.4860

246.1131,
286.7508, 261.2937

 3.6934, 5.7608,
3.0693


295.4356,

 1.5302, 2.7002,


342.1818, 315.0876


1.1301


350.9432,
404.3320, 375.8002

 0.3462, 0.9773,
0.0000


 0.0000, 0.0000,
0.0000


 59.6058, 73.7430,
60.3825


 59.6058, 73.7430,
60.3825

 52.1215, 70.1409,
48.5544


 68.3836, 77.9759,
74.0944

 45.8638, 67.1305,
38.5232

 78.5058, 82.8578,
89.7621

 40.7691, 64.6829,
30.2025

 88.9997, 87.8995,
106.8832

 36.7652, 62.7631,
23.4967

■ 33.7722, 61.3321,
18.3012

■ 31.6990, 60.3454,
14.4987

■ 30.4383, 59.7504,
11.9548

■ 29.8323, 59.4685,
10.5489

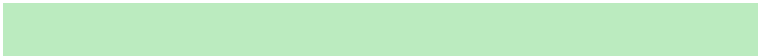
Harmonies

Analogous

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



64.4836, 73.7430, 50.3255



59.6058, 73.7430, 60.3825



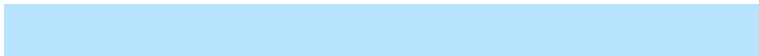
57.5388, 73.7430, 77.2592

Triad

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



59.6058, 73.7430, 60.3825



69.0228, 73.7430, 125.0542



82.9326, 73.7430, 64.8926

Complementary

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



59.6058, 73.7430, 60.3825



66.4576, 58.9740, 83.4849

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.



84.3465, 73.7430, 83.4065



59.6058, 73.7430, 60.3825



76.0134, 73.7430, 120.2801

Square

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



59.6058, 73.7430, 60.3825



62.7412, 73.7430, 116.3010



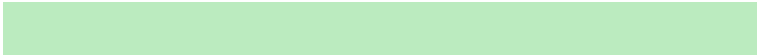
81.7378, 73.7430, 104.1613



77.9924, 73.7430, 52.6102

Rectangle

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



59.6058, 73.7430, 60.3825



57.9256, 73.7430, 90.9571



81.7378, 73.7430, 104.1613



83.8494, 73.7430, 70.4979

Sweetspot

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



59.6078, 73.7461, 60.3841



87.4669, 96.3422, 97.1855



71.6360, 79.9971, 58.6798



18.5526, 20.5397, 20.5401



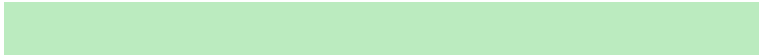
0.0000, 0.0000, 0.0000



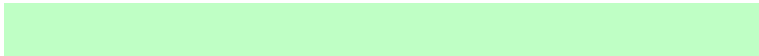
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6078, 73.7461, 60.3841



67.3368, 86.6400, 65.7353



62.4698, 74.8909, 75.4552



14.9193, 16.8825, 16.2578



16.6209, 33.1028, 5.9687



1.3228, 2.6064, 0.5615

Inverse Universe

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



66.4576, 58.9740, 83.4849



77.1316, 65.5133, 98.7654



63.2960, 57.7094, 66.8363



15.6575, 15.2909, 18.7477



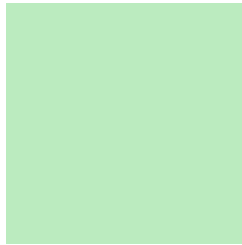
25.9472, 12.5816, 37.1186



2.0535, 0.9944, 2.9991

Previews

White Background



This preview shows how the XYZ color 59.6058, 73.7430, 60.3825 looks on a white background.

Color Contrast Check

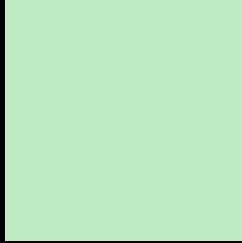
Large Text (above 18pt) WCAG AA × Fail

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 59.6058, 73.7430, 60.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

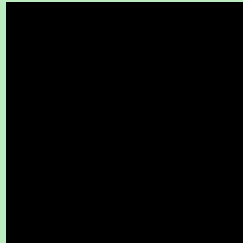
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

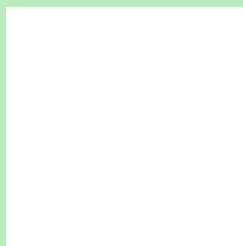
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6058, 73.7430, 60.3825

Background



This preview shows how black text looks on a background with the XYZ color 59.6058, 73.7430, 60.3825.

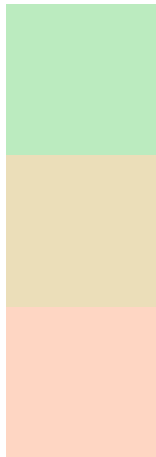


This preview shows how white text looks on a background with the XYZ color 59.6058, 73.7430,

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

59.6058, 73.7430, 60.3825

Protanopia

69.1392, 73.4075, 56.4240

Deuteranopia

74.7699, 73.1041, 61.7995



Tritanopia

66.8686, 73.3278, 97.8181

Trichromacy



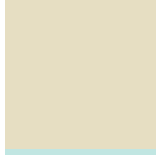
Original Color

59.6058, 73.7430, 60.3825



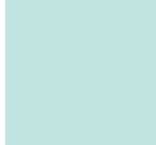
Protanomaly

65.3522, 73.4315, 57.7430



Deuteranomaly

68.4920, 72.9606, 61.5118



Tritanomaly

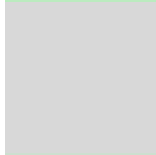
64.0166, 73.4221, 82.7493

Monochromacy



Original Color

59.6058, 73.7430, 60.3825



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.8270, 70.2595, 69.2816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6058, 73.7430, 60.3825 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(187, 235, 191)` looks like.

```
.text, #text, p{  
    color:rgb(187, 235, 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(187, 235, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 235, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.6058, 73.7430, 60.3825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

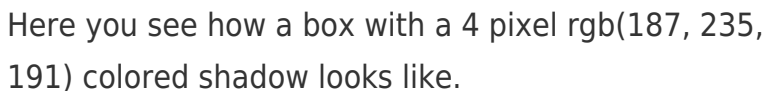
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 235, 191) }
```


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

```
.border{ border-color:rgb(187, 235, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 235, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 235, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 235, 191);  
box-shadow:4px 4px 4px 4px rgb(187, 235,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6058, 73.7430, 60.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 235, 191) }
```

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

```
.background{ background-color: rgb(187,  
235, 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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