

Converting Colors

XYZ(60.3524, 75.9358, 58.4851)

Have a look what the booklet for
XYZ(60.3524, 75.9358, 58.4851)
contains.

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Color

**XYZ(60.3297, 75.8857,
58.4814)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEFBB
RGB	187, 239, 187
RGB Percent	73%, 94%, 73%
CMY	0.2667, 0.0627, 0.2667
CMYK	0.22, 0.00, 0.22, 0.06
HSL	120°, 62%, 84%
HSV	120°, 22%, 94%
XYZ	60.3297, 75.8857, 58.4814
YIQ	217.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

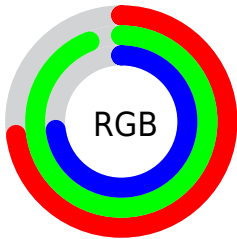
Format	Color
RYB	187, 239, 239
Decimal	12316603
CIELab	89.81, -26.36, 19.85
CIElCh	90, 32.998, 143.016
Yxy	75.8857, 0.3099, 0.3898
Android (android.graphics.Color)	4290506683 (0xFFBBEFBB)
YUV	217.5240, -15.0483, -26.7695
Hunter-Lab	87.1124, -28.8265, 21.1754

Details

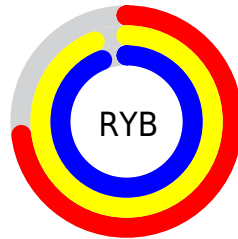
The XYZ color **60.3297, 75.8857, 58.4814** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.9496, 60.1251, 89.6361**, and the grayscale version is **66.4219, 69.8810, 76.1004**.

A 20% lighter version of the original color is **89.2459, 97.2242, 98.8564**, and **30.9094, 40.5747, 28.7569** is the 20% darker color. If you saturate the color by 10%, you get **52.6129, 72.1812, 45.8576**, and if you desaturate by 10%, it is **69.4495, 80.2687, 73.3968**.

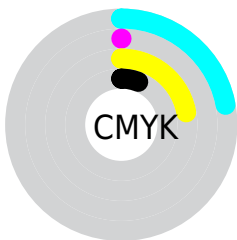
Distribution



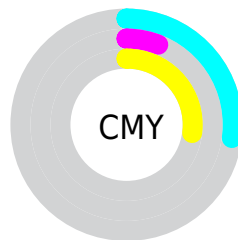
- Red (73%)
- Green (94%)
- Blue (73%)



- Red (73%)
- Yellow (94%)
- Blue (94%)



- Cyan (22%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)



- Cyan (27%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3297, 75.8857, 58.4814 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 60.3297, 75.8857, 58.4814 by changing the saturation by 10% instead.

60.3297, 75.8857,
58.4814

60.3297, 75.8857,
58.4814

415.6273,
480.9563, 436.6256

43.9349, 56.3388,
41.7785

104.4114,
127.5653, 104.1453

30.8170, 40.4746,
28.6036

132.8291,
160.4668, 133.9433

20.6107, 27.9088,
18.5382

165.9850,
198.5886, 168.9435

12.9506, 18.2569,
11.1636

204.2447,
242.3152, 209.5644

7.4713, 11.1346,
6.0615

247.9734,
292.0308, 256.2245

3.8075, 6.1574,
2.8131

297.5365,

1.5938, 2.9410,

348.1200, 309.3424

1.0000

353.2993,
410.9670, 369.3366

0.3884, 1.1010,
0.0000

0.0000, 0.0000,
0.0000

60.3297, 75.8857,
58.4814

60.3297, 75.8857,
58.4814

52.6129, 72.1812,
45.8576

69.4495, 80.2687,
73.3968

46.2239, 69.1122,
35.4072

80.0306, 85.3513,
90.7041

41.0896, 66.6460,
27.0091

90.1580, 90.2160,
107.2693

37.1276, 64.7428,
20.5283

■ 34.2453, 63.3583,
15.8138

■ 32.3367, 62.4415,
12.6918

■ 31.2740, 61.9310,
10.9535

■ 30.8680, 61.7360,
10.2894

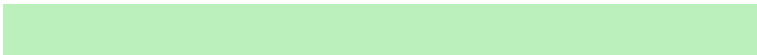
Harmonies

Analogous

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



66.1771, 75.8857, 47.8473



60.3297, 75.8857, 58.4814



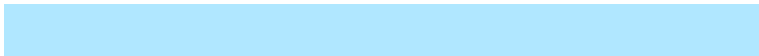
57.6764, 75.8857, 77.2940

Triad

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



60.3297, 75.8857, 58.4814



70.2402, 75.8857, 135.6011



87.5179, 75.8857, 66.3058

Complementary

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



60.3297, 75.8857, 58.4814



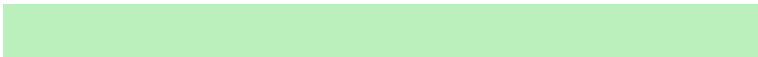
68.9496, 60.1251, 89.6361

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.



88.8099, 75.8857, 88.1991



60.3297, 75.8857, 58.4814



78.4234, 75.8857, 131.1474

Square

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



60.3297, 75.8857, 58.4814



63.1125, 75.8857, 123.8683



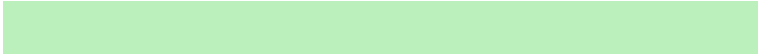
85.3701, 75.8857, 112.6424



81.9616, 75.8857, 51.7356

Rectangle

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



60.3297, 75.8857, 58.4814



57.9232, 75.8857, 93.1425



85.3701, 75.8857, 112.6424



88.4816, 75.8857, 72.9336

Sweetspot

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



60.3317, 75.8889, 58.4831



86.0432, 95.6736, 94.1678



75.4361, 83.6755, 59.1896



18.2592, 20.4024, 19.8980



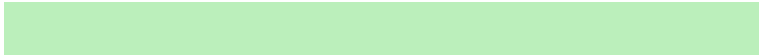
0.0000, 0.0000, 0.0000



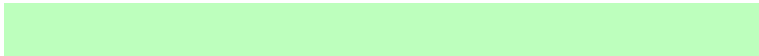
20.3446, 21.4041, 23.3091

Same Dimension

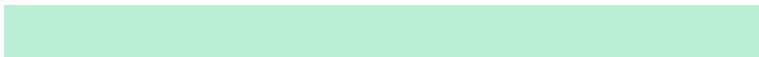
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3317, 75.8889, 58.4831



65.8248, 85.9616, 61.0970



63.3725, 77.1052, 74.4957



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6859



1.4190, 2.8381, 0.4730

Inverse Universe

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



68.9496, 60.1251, 89.6361



77.4230, 64.7462, 103.0236



65.3796, 58.6971, 70.8367



16.4543, 16.0314, 19.9487



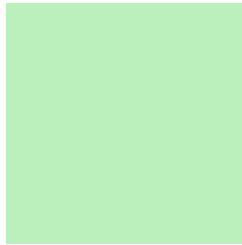
28.2811, 13.5848, 46.2581



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 60.3297, 75.8857, 58.4814 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 60.3297, 75.8857, 58.4814 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 60.3297, 75.8857, 58.4814

Background



This preview shows how black text looks on a background with the XYZ color 60.3297, 75.8857, 58.4814.

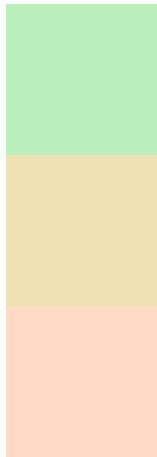


This preview shows how white text looks on a background with the XYZ color 60.3297, 75.8857,

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

60.3297, 75.8857, 58.4814

Protanopia

70.7600, 75.4964, 54.0228

Deuteranopia

76.2752, 75.3883, 62.7558



Tritanopia

68.9635, 75.9971, 100.6567

Trichromacy



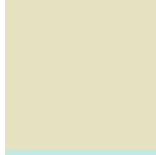
Original Color

60.3297, 75.8857, 58.4814



Protanomaly

66.3593, 75.2282, 55.8227



Deuteranomaly

69.4551, 75.0660, 61.2806



Tritanomaly

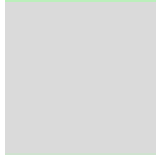
65.3984, 75.8060, 83.1367

Monochromacy



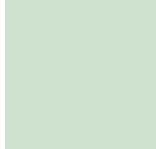
Original Color

60.3297, 75.8857, 58.4814



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.1910, 72.1631, 69.5771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3297, 75.8857, 58.4814 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, 239, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 239, 187)  
}
```

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, 239, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 239, 187) }
```

Border

The CSS property to change the border of an element to XYZ 60.3297, 75.8857, 58.4814 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, 239, 187) }
```


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

```
.border{ border-color:rgb(187, 239, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 239, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 239, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 239, 187); box-shadow:4px 4px 4px 4px rgb(187, 239, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3297, 75.8857, 58.4814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 239, 187) }
```

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

```
.background{ background-color: rgb(187,  
239, 187) }
```

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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