

Converting Colors

XYZ(60.2405, 76.2602, 59.1213)

Have a look what the booklet for
XYZ(60.2405, 76.2602, 59.1213)
contains.

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Color

**XYZ(60.2448, 76.2653,
59.1224)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F0BC
RGB	185, 240, 188
RGB Percent	73%, 94%, 74%
CMY	0.2745, 0.0588, 0.2627
CMYK	0.23, 0.00, 0.22, 0.06
HSL	123°, 65%, 83%
HSV	123°, 23%, 94%
XYZ	60.2448, 76.2653, 59.1224
YIQ	217.6270, -16.0880, -27.8320

Conversions

Conversions Part 2

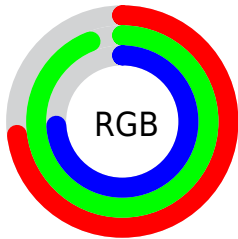
Format	Color
RYB	185, 237, 240
Decimal	12185788
CIELab	89.98, -27.32, 19.56
CIElCh	90, 33.602, 144.395
Yxy	76.2653, 0.3079, 0.3898
Android (android.graphics.Color)	4290375868 (0xFFB9F0BC)
YUV	217.6270, -14.6061, -28.6139
Hunter-Lab	87.3300, -29.6889, 20.9917

Details

The XYZ color **60.2448, 76.2653, 59.1224** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.5729, 59.3394, 87.9636**, and the grayscale version is **66.4907, 69.9534, 76.1792**.

A 20% lighter version of the original color is **88.7071, 96.9289, 99.6217**, and **30.8737, 40.8555, 29.1804** is the 20% darker color. If you saturate the color by 10%, you get **52.6796, 72.6282, 46.9880**, and if you desaturate by 10%, it is **69.1761, 80.5665, 73.3315**.

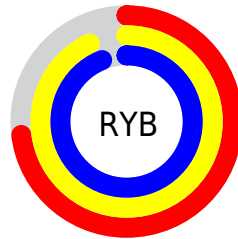
Distribution



Red (73%)

Green (94%)

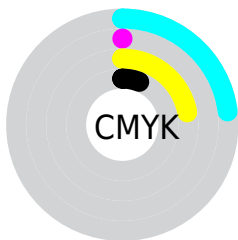
Blue (74%)



Red (73%)

Yellow (93%)

Blue (94%)

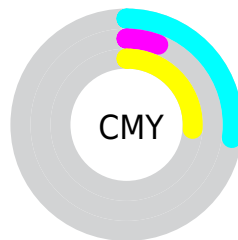


Cyan (23%)

Magenta (0%)

Yellow (22%)

Black (6%)



Cyan (27%)

Magenta (6%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2448, 76.2653, 59.1224 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 60.2448, 76.2653, 59.1224 by changing the saturation by 10% instead.

60.2448, 76.2653,
59.1224

60.2448, 76.2653,
59.1224

415.3198,
482.2554, 439.0699

43.8662, 56.6501,
42.2910

104.2890,
128.1019, 105.0864

30.7628, 40.7244,
29.0019

132.6854,
161.0920, 135.0561

20.5692, 28.1038,
18.8367

165.8183,
199.3092, 170.2423

12.9201, 18.4039,
11.3767

204.0532,
243.1379, 211.0635

7.4502, 11.2404,
6.2035

247.7555,
292.9625, 257.9384

3.7940, 6.2287,
2.8984


297.2904,

1.5863, 2.9847,


349.1673, 311.2854


1.0430


353.0234,
412.1368, 371.5230


 0.3834, 1.1237,
0.0000


 0.0000, 0.0000,
0.0000


 60.2448, 76.2653,
59.1224


 60.2448, 76.2653,
59.1224


 52.6796, 72.6282,
46.9880


 69.1761, 80.5665,
73.3315

 46.4073, 69.6132,
36.8266

 79.5296, 85.5524,
89.7007

 41.3574, 67.1882,
28.5354

 90.4516, 90.8031,
107.3672

 37.4501, 65.3145,
22.0005

■ 34.5960, 63.9487,
17.0954

■ 32.6925, 63.0411,
13.6768

■ 31.6165, 62.5318,
11.5765

■ 31.2348, 62.3524,
10.7729

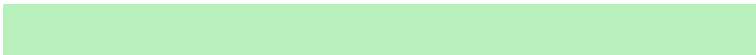
Harmonies

Analogous

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



66.0800, 76.2653, 47.9160



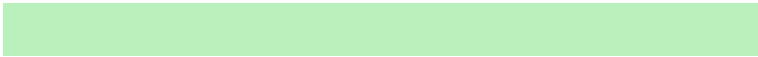
60.2448, 76.2653, 59.1224



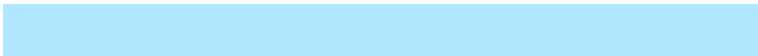
57.7055, 76.2653, 78.6452

Triad

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



60.2448, 76.2653, 59.1224



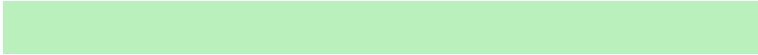
70.9367, 76.2653, 137.4846



88.0533, 76.2653, 65.5198

Complementary

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



60.2448, 76.2653, 59.1224



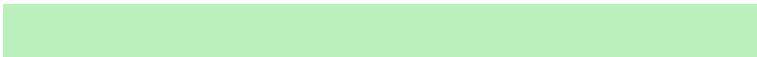
68.5729, 59.3394, 87.9636

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.



89.6010, 76.2653, 87.5955



60.2448, 76.2653, 59.1224



79.2972, 76.2653, 132.1382

Square

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



60.2448, 76.2653, 59.1224



63.5682, 76.2653, 126.1326



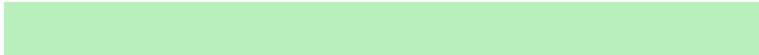
86.2865, 76.2653, 112.6684



82.2052, 76.2653, 51.0848

Rectangle

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



60.2448, 76.2653, 59.1224



58.0719, 76.2653, 94.9570



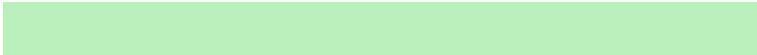
86.2865, 76.2653, 112.6684



89.1117, 76.2653, 72.1641

Sweetspot

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



60.2468, 76.2685, 59.1241



86.1860, 95.7307, 94.9197



74.9289, 83.8744, 58.1400



18.2921, 20.4155, 20.0713



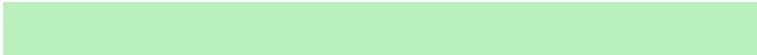
0.0000, 0.0000, 0.0000



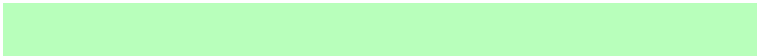
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2468, 76.2685, 59.1241



64.4542, 85.2701, 60.3538



63.4678, 77.5569, 76.0857



15.6009, 17.6704, 16.9210



17.1124, 34.1370, 5.9748



1.4358, 2.8448, 0.5613

Inverse Universe

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



68.5729, 59.3394, 87.9636



75.7266, 62.3467, 99.3964



64.8883, 57.8655, 68.5608



16.4148, 16.0156, 19.7408



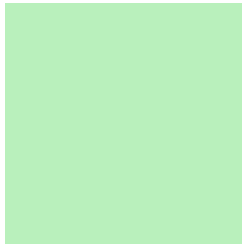
27.2710, 13.1808, 40.9389



2.2800, 1.1010, 3.4653

Previews

White Background



This preview shows how the XYZ color 60.2448, 76.2653, 59.1224 looks on a white background.

Color Contrast Check

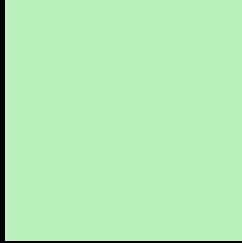
Large Text (above 18pt) WCAG AA × Fail

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 60.2448, 76.2653, 59.1224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

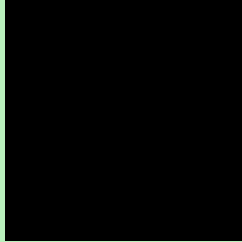
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

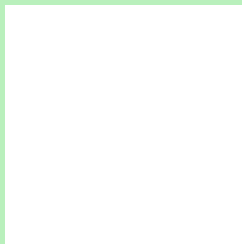
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2448, 76.2653, 59.1224

Background



This preview shows how black text looks on a background with the XYZ color 60.2448, 76.2653, 59.1224.



This preview shows how white text looks on a background with the XYZ color 60.2448, 76.2653,

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

60.2448, 76.2653, 59.1224

Protanopia

71.2009, 75.7119, 54.5772

Deuteranopia

76.3894, 75.4340, 63.3574



Tritanopia

68.8769, 76.3511, 101.5495

Trichromacy



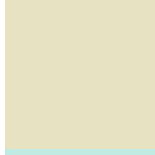
Original Color

60.2448, 76.2653, 59.1224



Protanomaly

66.4637, 75.2700, 56.3729



Deuteranomaly

69.5671, 75.1107, 61.8702



Tritanomaly

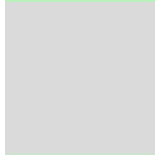
65.3117, 76.1692, 83.9329

Monochromacy



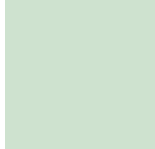
Original Color

60.2448, 76.2653, 59.1224



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.9124, 72.0195, 69.5641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2448, 76.2653, 59.1224 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(185, 240, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 240, 188)  
}
```

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(185, 240, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 240, 188) }
```

Border

The CSS property to change the border of an element to XYZ 60.2448, 76.2653, 59.1224 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(185, 240, 188) }
```


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

```
.border{ border-color:rgb(185, 240, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 240, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 240, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 240, 188);  
box-shadow:4px 4px 4px 4px rgb(185, 240,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2448, 76.2653, 59.1224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 240, 188) }
```

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

```
.background{ background-color: rgb(185,  
240, 188) }
```

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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