

Converting Colors

XYZ(59.9761, 76.5274, 52.7005)

Have a look what the booklet for
XYZ(59.9761, 76.5274, 52.7005)
contains.

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Color

**XYZ(60.0308, 76.7365,
52.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF1B0
RGB	188, 241, 176
RGB Percent	74%, 95%, 69%
CMY	0.2627, 0.0549, 0.3098
CMYK	0.22, 0.00, 0.27, 0.05
HSL	109°, 70%, 82%
HSV	109°, 27%, 95%
XYZ	60.0308, 76.7365, 52.7220
YIQ	217.7430, -10.7230, -31.4510

Conversions

Conversions Part 2

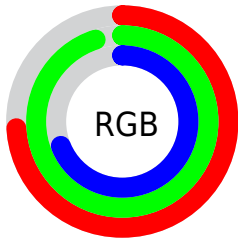
Format	Color
RYB	176, 241, 229
Decimal	12382640
CIELab	90.20, -28.77, 26.05
CIELCh	90, 38.812, 137.836
Yxy	76.7365, 0.3168, 0.4050
Android (android.graphics.Color)	4290572720 (0xFFBCF1B0)
YUV	217.7430, -20.5793, -26.0846
Hunter-Lab	87.5994, -30.9750, 25.6357

Details

The XYZ color **60.0308, 76.7365, 52.7220** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.7188, 54.0618, 90.2997**, and the grayscale version is **66.6077, 70.0765, 76.3133**.

A 20% lighter version of the original color is **87.9817, 96.7587, 90.3831**, and **30.7556, 41.1963, 25.0696** is the 20% darker color. If you saturate the color by 10%, you get **53.3392, 73.5406, 41.0471**, and if you desaturate by 10%, it is **67.8091, 80.4482, 66.6607**.

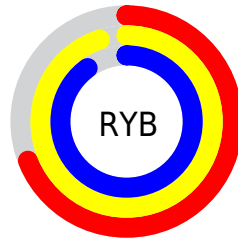
Distribution



Red (74%)

Green (95%)

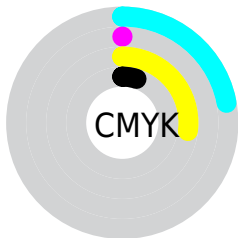
Blue (69%)



Red (69%)

Yellow (95%)

Blue (90%)

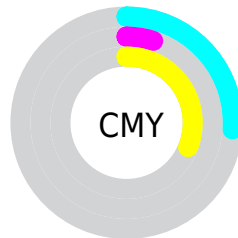


Cyan (22%)

Magenta (0%)

Yellow (27%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0308, 76.7365, 52.7220 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 60.0308, 76.7365, 52.7220 by changing the saturation by 10% instead.

60.0308, 76.7365,
52.7220

60.0308, 76.7365,
52.7220

414.5442,
483.8651, 414.2536

43.6930, 57.0366,
37.1947

103.9804,
128.7675, 95.6326

30.6261, 41.0347,
25.0613

132.3230,
161.8673, 123.8529

20.4647, 28.3462,
15.9033

165.3979,
200.2027, 157.1413

12.8435, 18.5868,
9.3021

203.5704,
244.1579, 195.9164

7.3971, 11.3721,
4.8393

247.2059,
294.1173, 240.5966

3.7602, 6.3177,
2.0962


296.6698,


1.5674, 3.0392,


350.4654, 291.6005


0.6135


352.3275,
413.5866, 349.3467


 0.3710, 1.1522,
0.0000


 0.0000, 0.0222,
0.0000

 60.0308, 76.7365,
52.7220

 60.0308, 76.7365,
52.7220

 53.3392, 73.5406,
41.0471


 67.8091, 80.4482,
66.6607


 47.6793, 70.8280,
31.5118

 76.7137, 84.6870,
82.9686

 43.0005, 68.5777,
23.9876

 86.7897, 89.4760,
101.7506

 39.2453, 66.7631,
18.3303

 90.7468, 91.3936,
107.4656

■ 36.3498, 65.3550,
14.3765

■ 34.2417, 64.3201,
11.9344

■ 32.8339, 63.6189,
10.7587

■ 32.5165, 63.4599,
10.5352

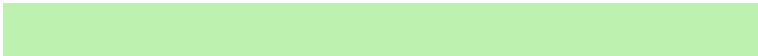
Harmonies

Analogous

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



67.3999, 76.7365, 42.4944



60.0308, 76.7365, 52.7220



56.2620, 76.7365, 72.8499

Triad

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



60.0308, 76.7365, 52.7220



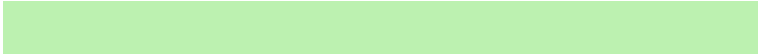
69.0959, 76.7365, 146.9964



92.0597, 76.7365, 68.3133

Complementary

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



60.0308, 76.7365, 52.7220



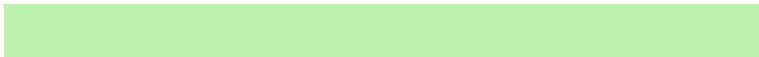
63.7188, 54.0618, 90.2997

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.



92.6157, 76.7365, 95.2563



60.0308, 76.7365, 52.7220



78.7667, 76.7365, 145.0226

Square

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



60.0308, 76.7365, 52.7220



61.1779, 76.7365, 129.4464



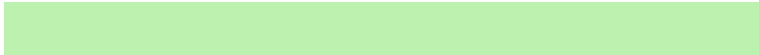
87.5691, 76.7365, 124.5331



86.1111, 76.7365, 50.0345

Rectangle

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



60.0308, 76.7365, 52.7220



56.0576, 76.7365, 91.0077



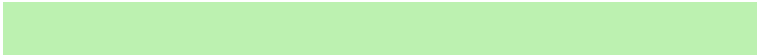
87.5691, 76.7365, 124.5331



92.9013, 76.7365, 76.5170

Sweetspot

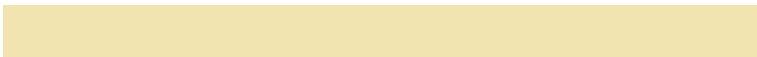
The Sweet Spot groups the original color and five complimentary colors.



60.0328, 76.7398, 52.7237



86.0804, 95.7356, 92.2365



71.8587, 77.3256, 52.2135



18.0843, 20.3294, 19.1151



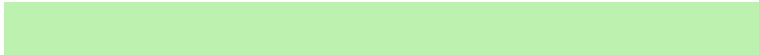
0.0000, 0.0000, 0.0000



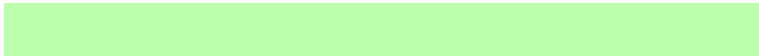
20.3446, 21.4041, 23.3091

Same Dimension

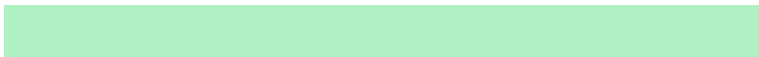
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0328, 76.7398, 52.7237



64.1947, 85.3028, 52.8201



59.2691, 76.1069, 63.4948



15.8381, 17.7967, 16.7501



17.7136, 34.4532, 5.7165



1.5487, 2.9049, 0.4791

Inverse Universe

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



63.7188, 54.0618, 90.2997



68.9844, 55.7751, 101.7375



64.9216, 55.0006, 75.9538



16.1515, 15.8753, 19.9346



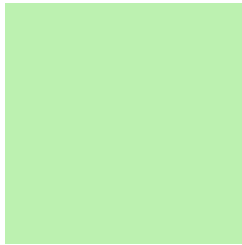
21.1341, 9.9005, 45.9250



1.8315, 0.8614, 3.8240

Previews

White Background



This preview shows how the XYZ color 60.0308, 76.7365, 52.7220 looks on a white background.

Color Contrast Check

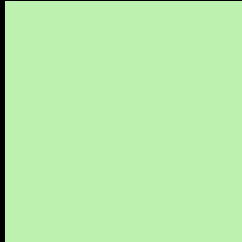
Large Text (above 18pt) WCAG AA × Fail

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 60.0308, 76.7365, 52.7220 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

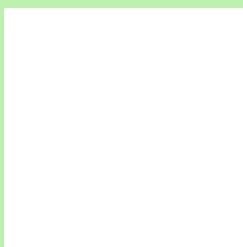
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0308, 76.7365, 52.7220

Background



This preview shows how black text looks on a background with the XYZ color 60.0308, 76.7365, 52.7220.



This preview shows how white text looks on a background with the XYZ color 60.0308, 76.7365,

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

60.0308, 76.7365, 52.7220

Protanopia

70.9757, 76.1345, 48.4907

Deuteranopia

76.4588, 76.2967, 61.1490



Tritanopia

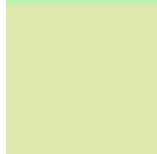
69.6507, 76.3333, 101.5053

Trichromacy



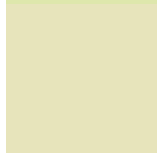
Original Color

60.0308, 76.7365, 52.7220



Protanomaly

66.1465, 75.6600, 50.1473



Deuteranomaly

69.6680, 76.0636, 58.0236



Tritanomaly

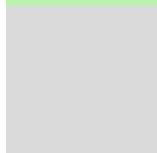
65.7926, 76.4801, 81.1065

Monochromacy



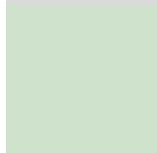
Original Color

60.0308, 76.7365, 52.7220



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.7080, 71.9699, 67.0337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0308, 76.7365, 52.7220 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(188, 241, 176)` looks like.

```
.text, #text, p{  
    color:rgb(188, 241, 176)  
}
```

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(188, 241, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 241, 176) }
```

Border

The CSS property to change the border of an element to XYZ 60.0308, 76.7365, 52.7220 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(188, 241, 176) }
```


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

```
.border{ border-color:rgb(188, 241, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 241, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 241, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 241, 176);  
box-shadow:4px 4px 4px 4px rgb(188, 241,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0308, 76.7365, 52.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 241, 176) }
```

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

```
.background{ background-color: rgb(188,  
241, 176) }
```

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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