

Converting Colors

XYZ(60.9051, 77.9278, 55.0313)

Have a look what the booklet for
XYZ(60.9051, 77.9278, 55.0313)
contains.

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Color

**XYZ(61.0278, 78.0878,
55.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF3B4
RGB	188, 243, 180
RGB Percent	74%, 95%, 71%
CMY	0.2627, 0.0470, 0.2941
CMYK	0.23, 0.00, 0.26, 0.05
HSL	112°, 72%, 83%
HSV	112°, 26%, 95%
XYZ	61.0278, 78.0878, 55.0360
YIQ	219.3730, -12.5570, -31.2530

Conversions

Conversions Part 2

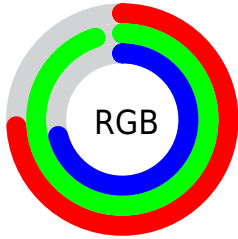
Format	Color
RYB	180, 243, 235
Decimal	12383156
CIELab	90.82, -29.08, 24.86
CIElCh	91, 38.254, 139.475
Yxy	78.0878, 0.3143, 0.4022
Android (android.graphics.Color)	4290573236 (0xFFBCF3B4)
YUV	219.3730, -19.4109, -27.5141
Hunter-Lab	88.3673, -31.3680, 24.9307

Details

The XYZ color **61.0278, 78.0878, 55.0360** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.7633, 56.7781, 92.2386**, and the grayscale version is **67.7295, 71.2568, 77.5986**.

A 20% lighter version of the original color is **88.5565, 96.9886, 93.4101**, and **31.4326, 42.1413, 26.5561** is the 20% darker color. If you saturate the color by 10%, you get **53.9187, 74.6866, 42.8944**, and if you desaturate by 10%, it is **69.3433, 82.0653, 69.5028**.

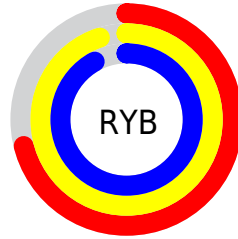
Distribution



Red (74%)

Green (95%)

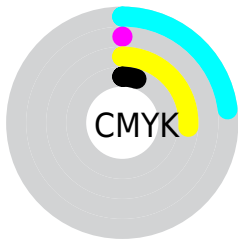
Blue (71%)



Red (71%)

Yellow (95%)

Blue (92%)

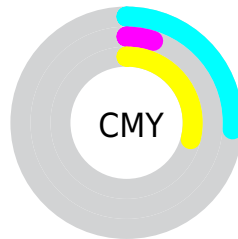


Cyan (23%)

Magenta (0%)

Yellow (26%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0278, 78.0878, 55.0360 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 61.0278, 78.0878, 55.0360 by changing the saturation by 10% instead.

61.0278, 78.0878,
55.0360

61.0278, 78.0878,
55.0360

418.1502,
488.4650, 423.3342

44.5002, 58.1461,
39.0318

105.4171,
130.6739, 99.0654

31.2636, 41.9261,
26.4764

134.0095,
164.0871, 127.9276

20.9524, 29.0434,
16.9514

167.3542,
202.7595, 161.9129

13.2015, 19.1137,
10.0383

205.8166,
247.0757, 201.4397

7.6454, 11.7525,
5.3184

249.7621,
297.4199, 246.9268

3.9188, 6.5754,
2.3733


299.5559,


1.6563, 3.1980,


354.1766, 298.7925


0.7718


355.5635,
417.7301, 357.4555


 0.4287, 1.2359,
0.0000


 0.0000, 0.0908,
0.0000


 61.0278, 78.0878,
55.0360


 61.0278, 78.0878,
55.0360


 53.9187, 74.6866,
42.8944


 69.3433, 82.0653,
69.5028


 47.9539, 71.8255,
32.9519

 78.9115, 86.6338,
86.4016

 43.0748, 69.4795,
25.0783

 89.7836, 91.8196,
105.8391

 39.2153, 67.6175,
19.1279

 91.3421, 92.5843,
107.6640

■ 36.3017, 66.2053,
14.9356

■ 34.2503, 65.2038,
12.3089

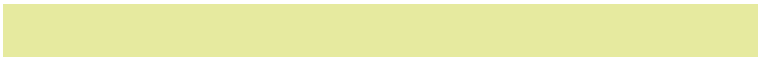
■ 32.9619, 64.5670,
11.0097

■ 32.6127, 64.3933,
10.7103

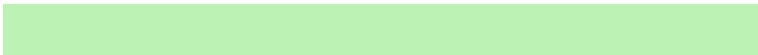
Harmonies

Analogous

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



68.2218, 78.0878, 44.2179



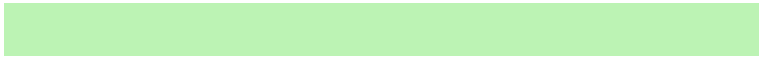
61.0278, 78.0878, 55.0360



57.4774, 78.0878, 75.7093

Triad

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



61.0278, 78.0878, 55.0360



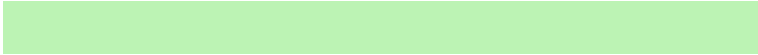
70.8920, 78.0878, 148.4745



93.0627, 78.0878, 68.5559

Complementary

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



61.0278, 78.0878, 55.0360



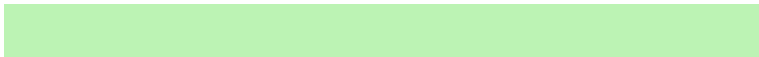
66.7633, 56.7781, 92.2386

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.



93.9342, 78.0878, 95.0738



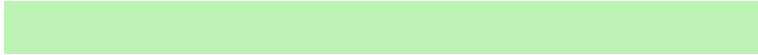
61.0278, 78.0878, 55.0360



80.5601, 78.0878, 145.3931

Square

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



61.0278, 78.0878, 55.0360



62.8370, 78.0878, 131.9886



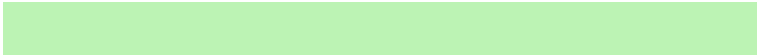
89.1885, 78.0878, 124.3050



86.9011, 78.0878, 50.7764

Rectangle

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



61.0278, 78.0878, 55.0360



57.4278, 78.0878, 94.0474



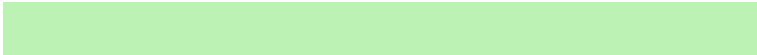
89.1885, 78.0878, 124.3050



94.0031, 78.0878, 76.5977

Sweetspot

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



61.0298, 78.0911, 55.0377



85.6862, 95.5323, 92.2180



74.7977, 81.5416, 54.9781



17.9858, 20.2786, 19.1105



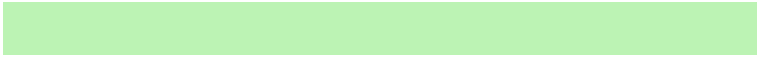
0.0000, 0.0000, 0.0000



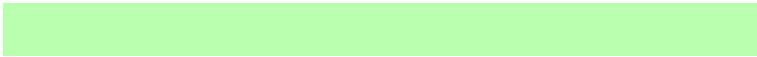
20.3446, 21.4041, 23.3091

Same Dimension

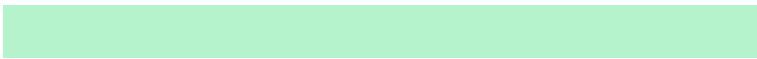
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0298, 78.0911, 55.0377



63.8378, 85.0899, 54.1078



61.6669, 78.1246, 68.3939



16.4777, 18.5728, 17.5140



17.9585, 35.3708, 5.8807



1.6392, 3.1401, 0.5197

Inverse Universe

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



66.7633, 56.7781, 92.2386



71.2092, 57.6571, 101.9835



66.1912, 56.8613, 75.1302



16.9945, 16.6553, 20.8617



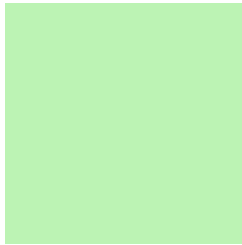
23.8844, 11.2872, 47.4578



2.1559, 1.0213, 4.1737

Previews

White Background



This preview shows how the XYZ color 61.0278, 78.0878, 55.0360 looks on a white background.

Color Contrast Check

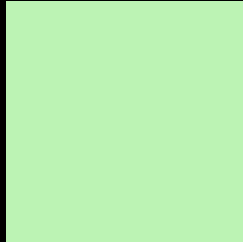
Large Text (above 18pt) WCAG AA × Fail

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 61.0278, 78.0878, 55.0360 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 61.0278, 78.0878, 55.0360

Background



This preview shows how black text looks on a background with the XYZ color 61.0278, 78.0878, 55.0360.

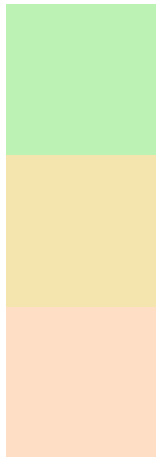


This preview shows how white text looks on a background with the XYZ color 61.0278, 78.0878,

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

61.0278, 78.0878, 55.0360

Protanopia

72.5945, 77.7370, 50.7138

Deuteranopia

77.5543, 77.5798, 64.3129



Tritanopia

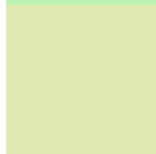
70.8129, 78.1533, 103.4483

Trichromacy



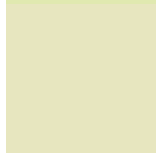
Original Color

61.0278, 78.0878, 55.0360



Protanomaly

67.7159, 77.2597, 52.4179



Deuteranomaly

70.6558, 77.3441, 60.4952



Tritanomaly

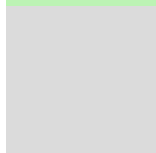
66.7766, 77.7951, 83.4480

Monochromacy



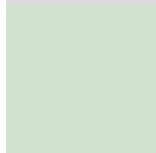
Original Color

61.0278, 78.0878, 55.0360



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.7753, 73.3045, 68.4928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0278, 78.0878, 55.0360 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, 243, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 243, 180)  
}
```

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, 243, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 243, 180) }
```

Border

The CSS property to change the border of an element to XYZ 61.0278, 78.0878, 55.0360 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, 243, 180) }
```


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

```
.border{ border-color:rgb(188, 243, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 243, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 243, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 243, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 243,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0278, 78.0878, 55.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 243, 180) }
```

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

```
.background{ background-color: rgb(188,  
243, 180) }
```

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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