

Converting Colors

XYZ(62.0462, 79.7811, 54.4781)

Have a look what the booklet for
XYZ(62.0462, 79.7811, 54.4781)
contains.

XYZ(62.2269, 80.0730, 54.2954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.2269, 80.0730,
54.2954)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF6B2
RGB	190, 246, 178
RGB Percent	75%, 96%, 70%
CMY	0.2549, 0.0353, 0.3020
CMYK	0.23, 0.00, 0.28, 0.04
HSL	109°, 79%, 83%
HSV	109°, 28%, 96%
XYZ	62.2269, 80.0730, 54.2954
YIQ	221.5040, -11.5480, -33.0200

Conversions

Conversions Part 2

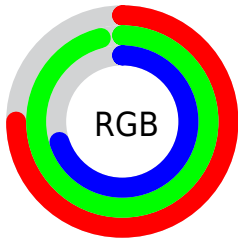
Format	Color
RYB	178, 246, 234
Decimal	12514994
CIELab	91.72, -30.14, 27.12
CIElCh	92, 40.546, 138.017
Yxy	80.0730, 0.3165, 0.4073
Android (android.graphics.Color)	4290705074 (0xFFBEF6B2)
YUV	221.5040, -21.4475, -27.6290
Hunter-Lab	89.4835, -32.4671, 26.6634

Details

The XYZ color **62.2269, 80.0730, 54.2954** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.4899, 55.9893, 94.4955**, and the grayscale version is **69.2354, 72.8410, 79.3239**.

A 20% lighter version of the original color is **88.9691, 97.2347, 91.9209**, and **31.8909, 43.0268, 26.0262** is the 20% darker color. If you saturate the color by 10%, you get **55.2621, 76.7451, 42.2119**, and if you desaturate by 10%, it is **70.3423, 83.9475, 68.7481**.

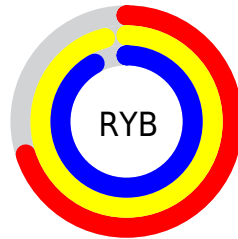
Distribution



Red (75%)

Green (96%)

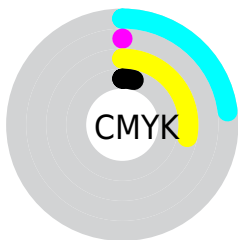
Blue (70%)



Red (70%)

Yellow (96%)

Blue (92%)

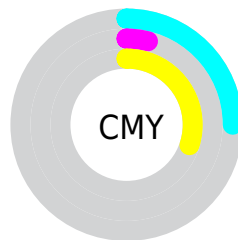


Cyan (23%)

Magenta (0%)

Yellow (28%)

Black (4%)



Cyan (25%)


Magenta (4%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2269, 80.0730, 54.2954 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 62.2269, 80.0730, 54.2954 by changing the saturation by 10% instead.


 62.2269, 80.0730,
54.2954

 62.2269, 80.0730,
54.2954

422.4626,
495.1788, 420.4419

 45.4724, 59.7784,
38.4431


 107.1415,
133.4684, 97.9686

 32.0325, 43.2401,
26.0223


136.0322,
167.3379, 126.6266

 21.5420, 30.0735,
16.6144


169.6991,
206.5013, 160.3902

 13.6355, 19.8944,
9.8009

208.5075,
251.3429, 199.6780

 7.9476, 12.3183,
5.1633

252.8226,
302.2470, 244.9086

 4.1129, 6.9608,
2.2830

303.0100,

 1.7662, 3.4376,

359.5981, 296.5004

0.7217

359.4349,
423.7806, 354.8719

0.4972, 1.3642,
0.0000

0.0000, 0.1901,
0.0000

62.2269, 80.0730,
54.2954

62.2269, 80.0730,
54.2954

55.2621, 76.7451,
42.2119

70.3423, 83.9475,
68.7481

49.3891, 73.9293,
32.3664

79.6511, 88.3812,
85.6815

44.5533, 71.6028,
24.6227

90.2016, 93.3990,
105.2062

40.6926, 69.7368,
18.8280

92.2473, 94.3947,
107.9658

■ 37.7382, 68.2996,
14.8085

■ 35.6117, 67.2554,
12.3599

■ 34.2167, 66.5602,
11.2105

■ 33.9708, 66.4371,
11.0332

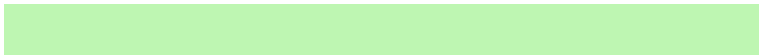
Harmonies

Analogous

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



70.1050, 80.0730, 43.3765



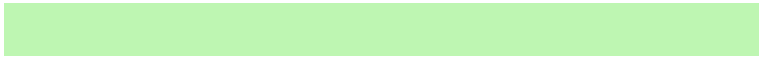
62.2269, 80.0730, 54.2954



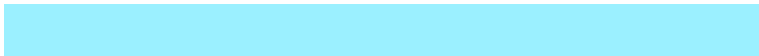
58.2213, 80.0730, 75.8592

Triad

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



62.2269, 80.0730, 54.2954



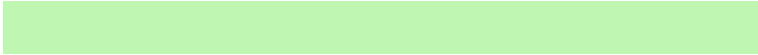
72.0418, 80.0730, 155.8236



96.6864, 80.0730, 70.6898

Complementary

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



62.2269, 80.0730, 54.2954



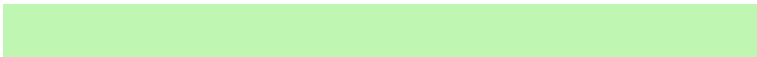
66.4899, 55.9893, 94.4955

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.



97.3250, 80.0730, 99.5874



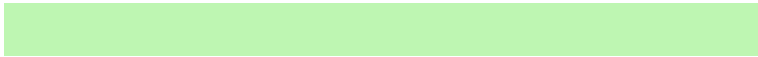
62.2269, 80.0730, 54.2954



82.4421, 80.0730, 153.5437

Square

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



62.2269, 80.0730, 54.2954



63.5336, 80.0730, 136.8945



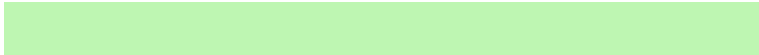
91.9113, 80.0730, 131.2328



90.2386, 80.0730, 51.2545

Rectangle

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



62.2269, 80.0730, 54.2954



58.0211, 80.0730, 95.3947



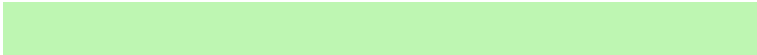
91.9113, 80.0730, 131.2328



97.6076, 80.0730, 79.4620

Sweetspot

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



62.2290, 80.0764, 54.2972



86.0246, 95.7068, 92.2339



75.3354, 81.3911, 53.8601



18.0703, 20.3222, 19.1145



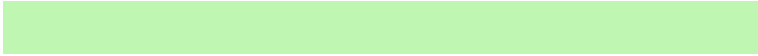
0.0000, 0.0000, 0.0000



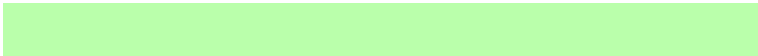
20.3446, 21.4041, 23.3091

Same Dimension

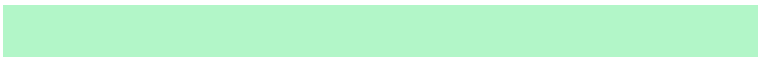
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.2290, 80.0764, 54.2972



63.2729, 84.8559, 51.4972



61.6892, 79.5284, 66.4592



16.5548, 18.6125, 17.5176



18.2128, 35.5018, 5.8926



1.6756, 3.1589, 0.5214

Inverse Universe

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



66.4899, 55.9893, 94.4955



68.5713, 54.8410, 101.5790



67.4472, 56.8429, 78.2732



16.9100, 16.6118, 20.8577



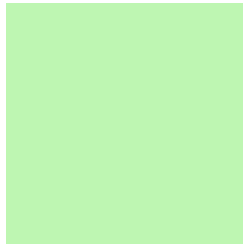
22.0732, 10.3535, 47.3731



2.0135, 0.9479, 4.1671

Previews

White Background



This preview shows how the XYZ color 62.2269, 80.0730, 54.2954 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 62.2269, 80.0730, 54.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

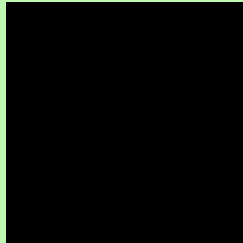
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2269, 80.0730, 54.2954

Background



This preview shows how black text looks on a background with the XYZ color 62.2269, 80.0730, 54.2954.



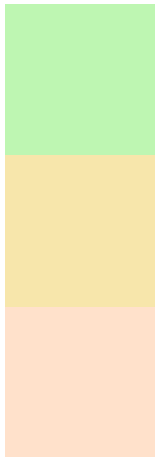
This preview shows how white text looks on a background with the XYZ color 62.2269, 80.0730,

54.2954.

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

62.2269, 80.0730, 54.2954

Protanopia

74.0053, 79.3081, 49.9356

Deuteranopia

78.9447, 79.4222, 67.6691



Tritanopia

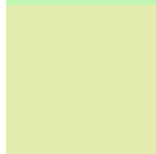
72.6741, 79.9074, 106.2011

Trichromacy



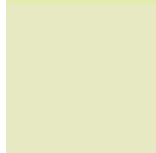
Original Color

62.2269, 80.0730, 54.2954



Protanomaly

68.9995, 79.2156, 51.6979



Deuteranomaly

71.8315, 79.1618, 62.5328



Tritanomaly

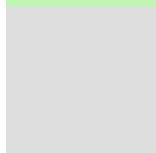
68.3139, 79.8720, 84.4894

Monochromacy



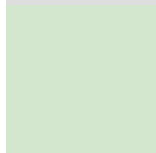
Original Color

62.2269, 80.0730, 54.2954



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.2948, 75.3097, 69.4346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2269, 80.0730, 54.2954 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(190, 246, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 246, 178)  
}
```

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(190, 246, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 246, 178) }
```

Border

The CSS property to change the border of an element to XYZ 62.2269, 80.0730, 54.2954 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(190, 246, 178) }
```


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

```
.border{ border-color:rgb(190, 246, 178) }
```

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

Here you see how a box with a 4 pixel rgb(190, 246, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 246, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 246, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 246,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2269, 80.0730, 54.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 246, 178) }
```

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

```
.background{ background-color: rgb(190,  
246, 178) }
```

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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