

Converting Colors

XYZ(63.3198, 84.7155, 62.1356)

Have a look what the booklet for
XYZ(63.3198, 84.7155, 62.1356)
contains.

XYZ(63.2954, 84.6287, 62.2892)	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(63.2954, 84.6287,
62.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FFBF
RGB	177, 255, 191
RGB Percent	69%, 100%, 75%
CMY	0.3059, 0.0000, 0.2510
CMYK	0.31, 0.00, 0.25, 0.00
HSL	131°, 100%, 85%
HSV	131°, 31%, 100%
XYZ	63.2954, 84.6287, 62.2892
YIQ	224.3820, -25.9440, -36.4400

Conversions

Conversions Part 2

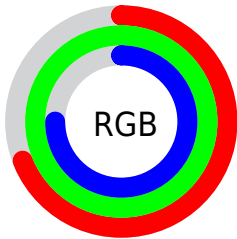
Format	Color
RYB	177, 243, 255
Decimal	11665343
CIELab	93.72, -36.31, 23.15
CIELCh	94, 43.064, 147.482
Yxy	84.6287, 0.3011, 0.4026
Android (android.graphics.Color)	4289855423 (0xFFB1FFBF)
YUV	224.3820, -16.4573, -41.5540
Hunter-Lab	91.9939, -38.1742, 24.2503

Details

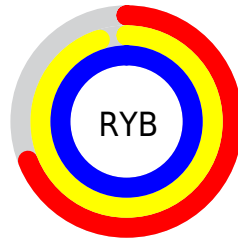
The XYZ color **63.2954, 84.6287, 62.2892** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72.8394, 59.0556, 90.7781**, and the grayscale version is **71.2519, 74.9625, 81.6342**.

A 20% lighter version of the original color is **86.6350, 95.7897, 102.7301**, and **32.7355, 46.3319, 30.8845** is the 20% darker color. If you saturate the color by 10%, you get **55.8790, 81.0527, 50.7693**, and if you desaturate by 10%, it is **72.1272, 88.8963, 75.5950**.

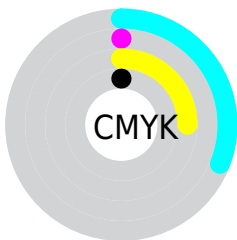
Distribution



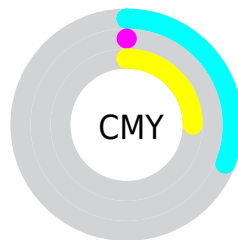
- Red (69%)
- Green (100%)
- Blue (75%)



- Red (69%)
- Yellow (95%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2954, 84.6287, 62.2892 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 63.2954, 84.6287, 62.2892 by changing the saturation by 10% instead.


 63.2954, 84.6287,
62.2892

 63.2954, 84.6287,
62.2892


426.2834,
510.3986, 451.0220

 46.3398, 63.5346,
44.8291


 108.6750,
139.8543, 109.7190

 32.7198, 46.2739,
30.9809


137.8297,
174.7546, 140.5259

 22.0701, 32.4620,
20.3259


171.7814,
215.0258, 176.6187

 14.0253, 21.7146,
12.4458

210.8955,
261.0523, 218.4161

 8.2201, 13.6474,
6.9218

255.5375,
313.2184, 266.3366

 4.2891, 7.8758,
3.3355

306.0725,

 1.8669, 4.0156,

371.9086, 320.7987

1.2684

362.8660,
437.5072, 382.2210

■ 0.5575, 1.6823,
0.0357

■ 0.0000, 0.4121,
0.0000

■ 63.2954, 84.6287,
62.2892

■ 63.2954, 84.6287,
62.2892

■ 55.8790, 81.0527,
50.7693

■ 72.1272, 88.8963,
75.5950

■ 49.8017, 78.1307,
40.9554

■ 82.4415, 93.8887,
90.7539

■ 44.9829, 75.8227,
32.7674

■ 94.3034, 99.6379,
107.8349

■ 41.3320, 74.0840,
26.1173

■ 95.0500, 100.0000,
108.9000

■ 38.7464, 72.8637,
20.9085

■ 37.1044, 72.1013,
17.0335

■ 36.2487, 71.7155,
14.4934

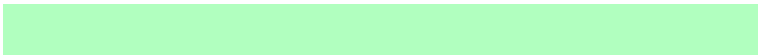
Harmonies

Analogous

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



70.7174, 84.6287, 46.8348



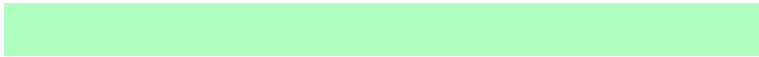
63.2954, 84.6287, 62.2892



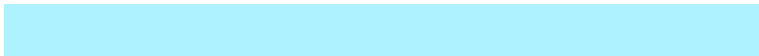
60.4220, 84.6287, 89.4093

Triad

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



63.2954, 84.6287, 62.2892



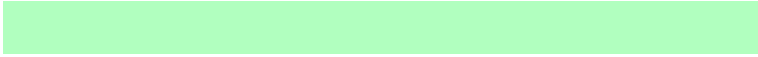
79.4756, 84.6287, 170.3942



101.5472, 84.6287, 66.0506

Complementary

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



63.2954, 84.6287, 62.2892



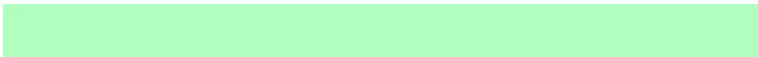
72.8394, 59.0556, 90.7781

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.



104.4458, 84.6287, 94.9386



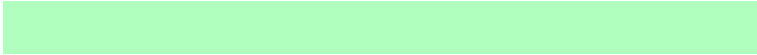
63.2954, 84.6287, 62.2892



91.0088, 84.6287, 160.0062

Square

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



63.2954, 84.6287, 62.2892



69.1941, 84.6287, 156.0454



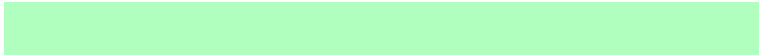
100.4238, 84.6287, 130.2823



92.8363, 84.6287, 48.6176

Rectangle

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



63.2954, 84.6287, 62.2892



61.2468, 84.6287, 112.3724



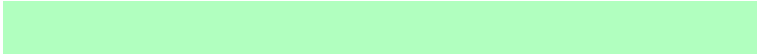
100.4238, 84.6287, 130.2823



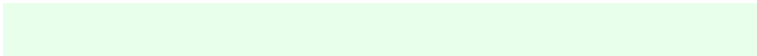
103.2676, 84.6287, 74.5055

Sweetspot

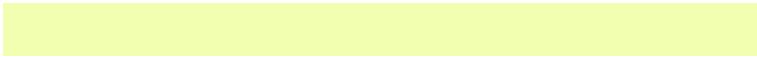
The Sweet Spot groups the original color and five complimentary colors.



63.2960, 84.6290, 62.2905



84.2199, 94.7502, 93.3359



80.3140, 93.5717, 55.4238



17.6774, 20.1113, 19.4709



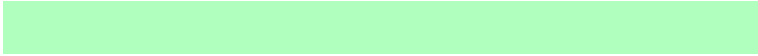
0.0000, 0.0000, 0.0000



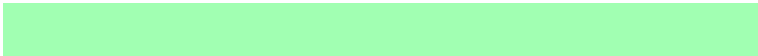
20.3446, 21.4041, 23.3091

Same Dimension

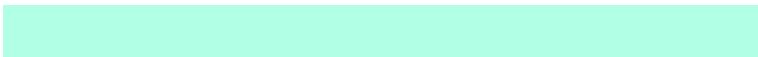
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2960, 84.6290, 62.2905



58.3819, 82.2585, 54.7024



68.0347, 86.5244, 87.2441



17.9047, 20.2214, 19.8010



18.9789, 37.4881, 7.7741



1.8823, 3.6639, 0.9382

Inverse Universe

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



72.8394, 59.0556, 90.7781



69.3658, 52.8044, 87.4744



67.7420, 57.0166, 63.9354



18.6445, 18.2411, 22.0111



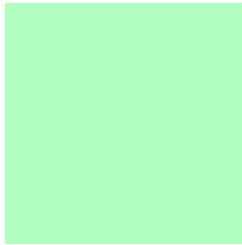
27.6278, 13.5404, 33.0199



2.7249, 1.3323, 3.3987

Previews

White Background



This preview shows how the XYZ color 63.2954, 84.6287, 62.2892 looks on a white background.

Color Contrast Check

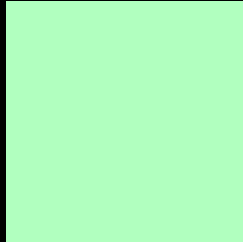
Large Text (above 18pt) WCAG AA × Fail

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 63.2954, 84.6287, 62.2892 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 63.2954, 84.6287, 62.2892

Background



This preview shows how black text looks on a background with the XYZ color 63.2954, 84.6287, 62.2892.

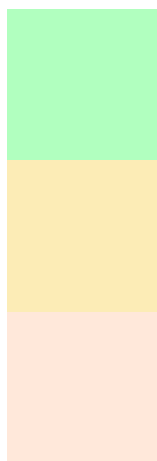


This preview shows how white text looks on a background with the XYZ color 63.2954, 84.6287, 62.2892.

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

63.2954, 84.6287, 62.2892

Protanopia

78.5838, 84.0638, 56.3401

Deuteranopia

82.7515, 84.0352, 78.1886



Tritanopia

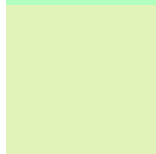
76.0966, 84.2796, 106.8646

Trichromacy



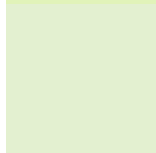
Original Color

63.2954, 84.6287, 62.2892



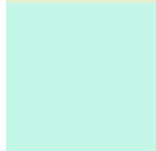
Protanomaly

71.8589, 83.6115, 58.2502



Deuteranomaly

74.2238, 83.2051, 71.8227



Tritanomaly

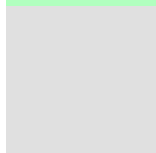
70.8522, 84.2180, 88.8653

Monochromacy



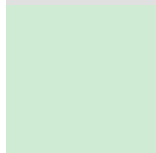
Original Color

63.2954, 84.6287, 62.2892



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.3241, 77.4355, 73.6855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2954, 84.6287, 62.2892 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(177, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 191)  
}
```

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(177, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 63.2954, 84.6287, 62.2892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

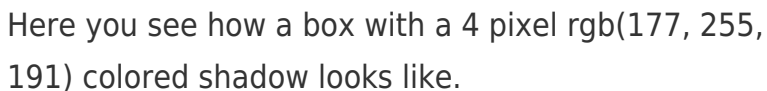
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 255, 191) }
```


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

```
.border{ border-color:rgb(177, 255, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 255, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 255, 191); box-shadow:4px 4px 4px 4px rgb(177, 255, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2954, 84.6287, 62.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 191) }
```

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

```
.background{ background-color: rgb(177,  
255, 191) }
```

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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