

Converting Colors

XYZ(63.1120, 84.6444, 57.2982)

Have a look what the booklet for
XYZ(63.1120, 84.6444, 57.2982)
contains.

XYZ(63.0259, 84.6007, 57.2637)	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(63.0259, 84.6007,
57.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FFB6
RGB	180, 255, 182
RGB Percent	71%, 100%, 71%
CMY	0.2941, 0.0000, 0.2863
CMYK	0.29, 0.00, 0.29, 0.00
HSL	122°, 100%, 85%
HSV	122°, 29%, 100%
XYZ	63.0259, 84.6007, 57.2637
YIQ	224.2530, -21.2670, -38.6030

Conversions

Conversions Part 2

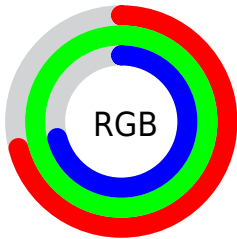
Format	Color
RYB	180, 253, 255
Decimal	11861942
CIELab	93.71, -36.88, 27.72
CIELCh	94, 46.136, 143.072
Yxy	84.6007, 0.3076, 0.4129
Android (android.graphics.Color)	4290052022 (0xFFB4FFB6)
YUV	224.2530, -20.8307, -38.8099
Hunter-Lab	91.9786, -38.6503, 27.4725

Details

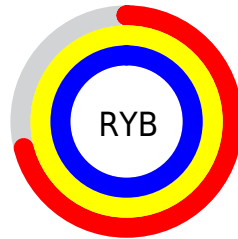
The XYZ color **63.0259, 84.6007, 57.2637** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75.2910, 60.9948, 100.7326**, and the grayscale version is **71.1874, 74.8947, 81.5603**.

A 20% lighter version of the original color is **86.1177, 95.6976, 94.8215**, and **32.6140, 46.3331, 27.9931** is the 20% darker color. If you saturate the color by 10%, you get **55.2835, 80.8799, 44.6778**, and if you desaturate by 10%, it is **72.3161, 89.0668, 72.2976**.

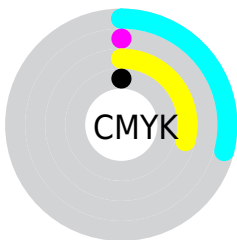
Distribution



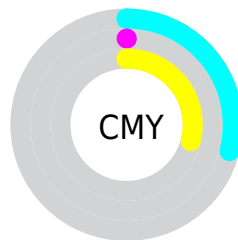
- Red (71%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (99%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0259, 84.6007, 57.2637 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 63.0259, 84.6007, 57.2637 by changing the saturation by 10% instead.

 63.0259, 84.6007,
57.2637

 63.0259, 84.6007,
57.2637

425.3216,
510.3059, 431.9581

 46.1209, 63.5115,
40.8062


 108.2885,
139.8152, 102.3540

 32.5463, 46.2551,
27.8491


137.3768,
174.7092, 131.8239

 21.9366, 32.4472,
17.9739


171.2568,
214.9737, 166.4684

 13.9267, 21.7033,
10.7620

210.2941,
260.9929, 206.7060

 8.1511, 13.6391,
5.7949

254.8538,
313.1514, 252.9552

 4.2444, 7.8701,
2.6540

305.3014,

 1.8413, 4.0119,

371.8334, 305.6346

0.9201

362.0022,
437.4235, 365.1627

■ 0.5424, 1.6802,
0.0000

■ 0.0000, 0.4108,
0.0000

■ 63.0259, 84.6007,
57.2637

■ 63.0259, 84.6007,
57.2637

■ 55.2835, 80.8799,
44.6778

■ 72.3161, 89.0668,
72.2976

■ 49.0032, 77.8631,
34.4066

■ 83.2300, 94.3150,
89.8952

■ 44.0937, 75.5063,
26.3105

95.0500, 100.0000,
108.9000

■ 40.4527, 73.7600,
20.2329

■ 37.9634, 72.5680,
15.9964

■ 36.4877, 71.8633,
13.3930

■ 35.8241, 71.5478,
12.1593

■ 35.7973, 71.5349,
12.1163

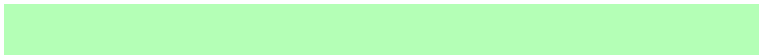
Harmonies

Analogous

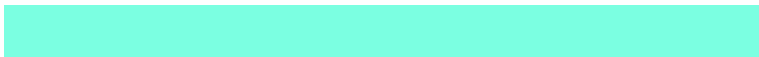
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5356, 84.6007, 42.9786



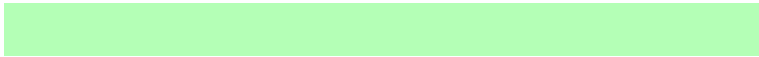
63.0259, 84.6007, 57.2637



59.2369, 84.6007, 84.2220

Triad

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



63.0259, 84.6007, 57.2637



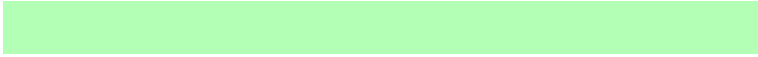
77.6047, 84.6007, 176.5346



104.0648, 84.6007, 68.1461

Complementary

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



63.0259, 84.6007, 57.2637



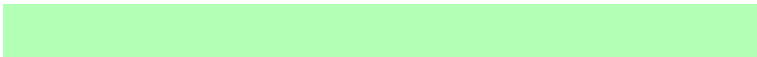
75.2910, 60.9948, 100.7326

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.



106.1095, 84.6007, 100.4880



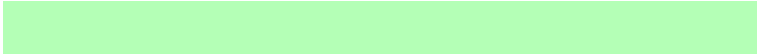
63.0259, 84.6007, 57.2637



89.9905, 84.6007, 169.0835

Square

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



63.0259, 84.6007, 57.2637



67.0828, 84.6007, 157.1849



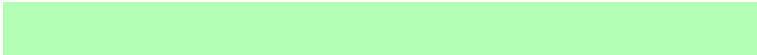
100.7295, 84.6007, 138.8368



95.3958, 84.6007, 48.0575

Rectangle

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



63.0259, 84.6007, 57.2637



59.5948, 84.6007, 108.2166



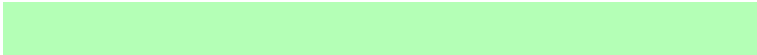
100.7295, 84.6007, 138.8368



105.5834, 84.6007, 77.6968

Sweetspot

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



63.0264, 84.6010, 57.2650



83.7147, 94.5481, 90.6755



84.7800, 95.8390, 57.2111



17.5541, 20.0620, 18.8218



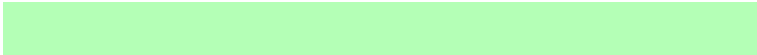
0.0000, 0.0000, 0.0000



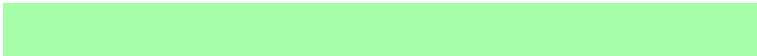
20.3446, 21.4041, 23.3091

Same Dimension

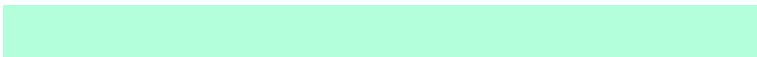
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0264, 84.6010, 57.2650



58.5136, 82.4320, 49.9369



67.3361, 86.3248, 79.9592



17.7912, 20.1760, 19.2035



18.7133, 37.3819, 6.3757



1.8286, 3.6424, 0.6555

Inverse Universe

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



75.2910, 60.9948, 100.7326



72.4997, 55.5092, 99.5036



69.9886, 58.8739, 72.8108



18.7705, 18.2915, 22.6746



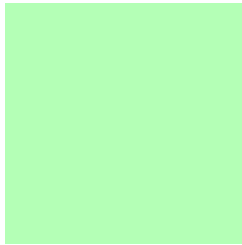
30.4274, 14.6602, 47.7625



2.9690, 1.4300, 4.6840

Previews

White Background



This preview shows how the XYZ color 63.0259, 84.6007, 57.2637 looks on a white background.

Color Contrast Check

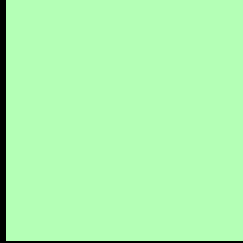
Large Text (above 18pt) WCAG AA × Fail

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 63.0259, 84.6007, 57.2637 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

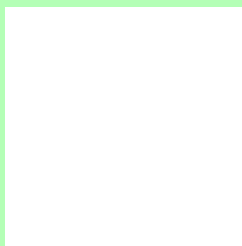
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0259, 84.6007, 57.2637

Background



This preview shows how black text looks on a background with the XYZ color 63.0259, 84.6007, 57.2637.



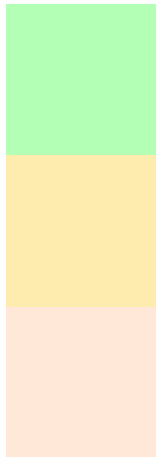
This preview shows how white text looks on a background with the XYZ color 63.0259, 84.6007,

57.2637.

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

63.0259, 84.6007, 57.2637

Protanopia

78.0463, 83.8907, 51.6142

Deuteranopia

82.3624, 83.8795, 76.1394



Tritanopia

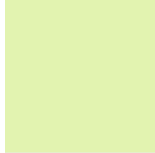
76.3805, 84.4259, 106.8779

Trichromacy



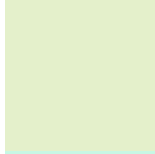
Original Color

63.0259, 84.6007, 57.2637



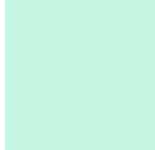
Protanomaly

71.2511, 83.4045, 53.4176



Deuteranomaly

73.9345, 83.1260, 68.6481



Tritanomaly

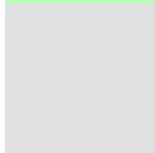
70.8175, 84.2651, 85.9311

Monochromacy



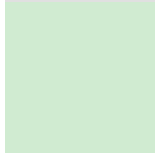
Original Color

63.0259, 84.6007, 57.2637



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.2294, 77.4300, 71.7237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0259, 84.6007, 57.2637 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(180, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 182)  
}
```

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(180, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.0259, 84.6007, 57.2637 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(180, 255, 182) }
```


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

```
.border{ border-color:rgb(180, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0259, 84.6007, 57.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 182) }
```

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

```
.background{ background-color: rgb(180,  
255, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor