

Converting Colors

XYZ(64.5374, 84.9222, 63.9294)

Have a look what the booklet for
XYZ(64.5374, 84.9222, 63.9294)
contains.

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Color

**XYZ(64.4708, 84.7237,
63.9943)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FEC2
RGB	182, 254, 194
RGB Percent	71%, 100%, 76%
CMY	0.2863, 0.0039, 0.2392
CMYK	0.28, 0.00, 0.24, 0.00
HSL	130°, 97%, 85%
HSV	130°, 28%, 100%
XYZ	64.4708, 84.7237, 63.9943
YIQ	225.6320, -23.6520, -33.9240

Conversions

Conversions Part 2

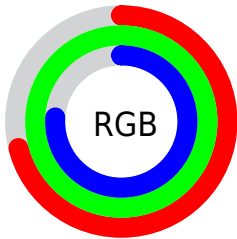
Format	Color
RYB	182, 244, 254
Decimal	11992770
CIELab	93.76, -33.80, 21.72
CIELCh	94, 40.179, 147.279
Yxy	84.7237, 0.3024, 0.3974
Android (android.graphics.Color)	4290182850 (0xFFB6FEC2)
YUV	225.6320, -15.5946, -38.2653
Hunter-Lab	92.0455, -36.0540, 23.2107

Details

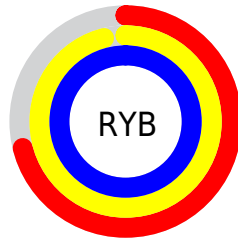
The XYZ color **64.4708, 84.7237, 63.9943** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.6308, 60.9394, 91.8895**, and the grayscale version is **72.1461, 75.9033, 82.6587**.

A 20% lighter version of the original color is **88.7692, 96.8358, 105.2793**, and **33.4523, 46.3380, 31.9919** is the 20% darker color. If you saturate the color by 10%, you get **56.7972, 81.0256, 52.0976**, and if you desaturate by 10%, it is **73.5755, 89.1252, 77.7291**.

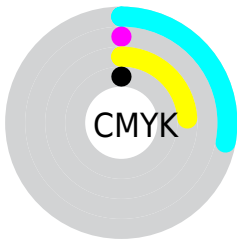
Distribution



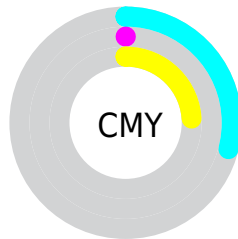
- Red (71%)
- Green (100%)
- Blue (76%)



- Red (71%)
- Yellow (96%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4708, 84.7237, 63.9943 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 64.4708, 84.7237, 63.9943 by changing the saturation by 10% instead.


 64.4708, 84.7237,
63.9943

 64.4708, 84.7237,
63.9943


430.4631,
510.7134, 457.3760

 47.2952, 63.6131,
46.1999

 110.3586,
139.9871, 112.2021

 33.4780, 46.3374,
32.0538


139.8016,
174.9087, 143.4526

 22.6539, 32.5121,
21.1374


174.0644,
215.2027, 180.0256

 14.4574, 21.7530,
13.0323


213.5123,
261.2535, 222.3395

 8.5233, 13.6755,
7.3198

258.5108,
313.4457, 270.8130

 4.4862, 7.8953,
3.5814

309.4252,

 1.9807, 4.0280,

372.1634, 325.8645

1.3986

366.6209,
437.7912, 387.9127

■ 0.6231, 1.6893,
0.1407

■ 0.0000, 0.4167,
0.0000

■ 64.4708, 84.7237,
63.9943

■ 64.4708, 84.7237,
63.9943

■ 56.7972, 81.0256,
52.0976

■ 73.5755, 89.1252,
77.7291

■ 50.4749, 77.9843,
41.9557

■ 84.1725, 94.2530,
93.3696

■ 45.4265, 75.5640,
33.4870

94.7334, 99.3668,
108.7945

■ 41.5639, 73.7211,
26.6014

■ 38.7873, 72.4064,
21.2004

■ 36.9803, 71.5621,
17.1740

■ 35.9858, 71.1099,
14.3965

■ 35.8674, 71.0564,
14.0469

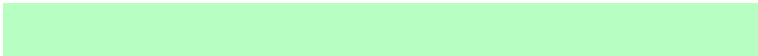
Harmonies

Analogous

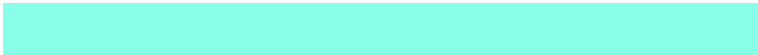
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4857, 84.7237, 49.2620



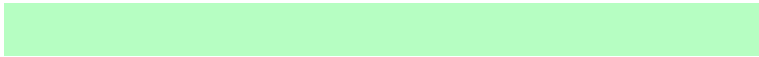
64.4708, 84.7237, 63.9943



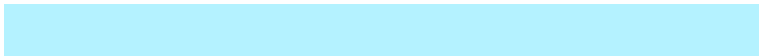
61.7236, 84.7237, 89.4881

Triad

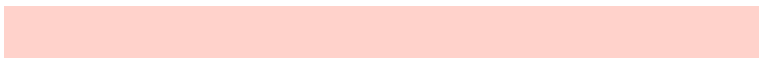
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.4708, 84.7237, 63.9943



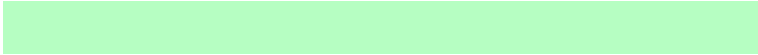
79.5572, 84.7237, 164.2662



100.1727, 84.7237, 67.8559

Complementary

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



64.4708, 84.7237, 63.9943



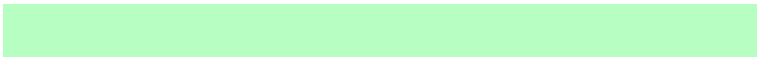
73.6308, 60.9394, 91.8895

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.



102.8078, 84.7237, 95.0676



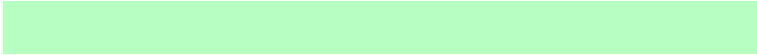
64.4708, 84.7237, 63.9943



90.3010, 84.7237, 154.9458

Square

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



64.4708, 84.7237, 63.9943



69.9386, 84.7237, 151.0374



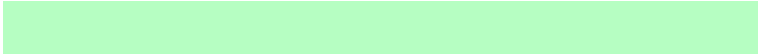
99.0503, 84.7237, 127.7952



92.1342, 84.7237, 51.1211

Rectangle

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



64.4708, 84.7237, 63.9943



62.4828, 84.7237, 110.8252



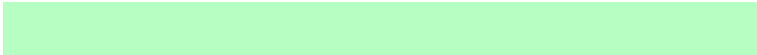
99.0503, 84.7237, 127.7952



101.7491, 84.7237, 75.8752

Sweetspot

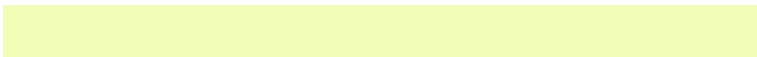
The Sweet Spot groups the original color and five complimentary colors.



64.4730, 84.7273, 63.9962



84.1771, 94.7330, 93.1104



80.5066, 93.1424, 57.9919



17.6669, 20.1071, 19.4158



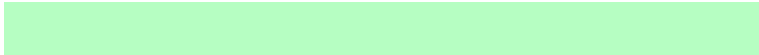
0.0000, 0.0000, 0.0000



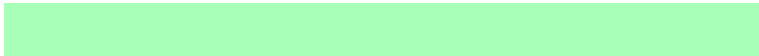
20.3446, 21.4041, 23.3091

Same Dimension

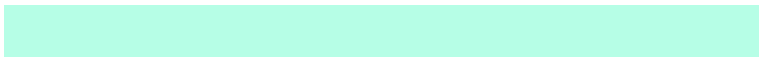
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.4730, 84.7273, 63.9962



60.4937, 83.2863, 57.5511



69.0187, 86.5455, 87.9331



17.8950, 20.2176, 19.7503



18.9444, 37.4744, 7.5924



1.8776, 3.6620, 0.9132

Inverse Universe

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



73.6308, 60.9394, 91.8895



71.1081, 55.7002, 89.8703



68.7441, 58.9847, 66.1562



18.6550, 18.2453, 22.0663



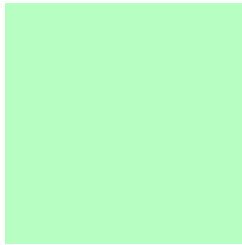
27.8394, 13.6250, 34.1342



2.7436, 1.3398, 3.4972

Previews

White Background



This preview shows how the XYZ color 64.4708, 84.7237, 63.9943 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 64.4708, 84.7237, 63.9943 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 64.4708, 84.7237, 63.9943

Background



This preview shows how black text looks on a background with the XYZ color 64.4708, 84.7237, 63.9943.



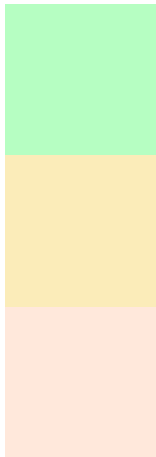
This preview shows how white text looks on a background with the XYZ color 64.4708, 84.7237, 63.9943.

63.9943.

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

64.4708, 84.7237, 63.9943

Protanopia

78.5361, 84.0029, 57.9738

Deuteranopia

82.8828, 84.0877, 78.8800



Tritanopia

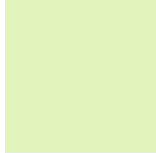
76.3805, 84.4259, 106.8779

Trichromacy



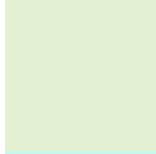
Original Color

64.4708, 84.7237, 63.9943



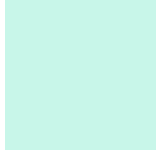
Protanomaly

72.4917, 83.9008, 59.9507



Deuteranomaly

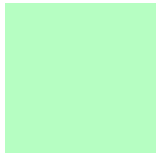
74.7879, 83.4673, 73.1418



Tritanomaly

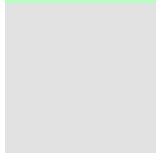
71.4832, 84.0741, 89.5512

Monochromacy



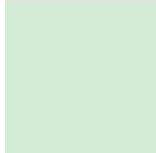
Original Color

64.4708, 84.7237, 63.9943



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

68.7114, 78.5476, 75.1581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4708, 84.7237, 63.9943 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(182, 254, 194)` looks like.

```
.text, #text, p{  
    color:rgb(182, 254, 194)  
}
```

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(182, 254, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 254, 194) }
```

Border

The CSS property to change the border of an element to XYZ 64.4708, 84.7237, 63.9943 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(182, 254, 194) }
```


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

```
.border{ border-color:rgb(182, 254, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 254, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 254, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 254, 194);  
box-shadow:4px 4px 4px 4px rgb(182, 254,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4708, 84.7237, 63.9943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 254, 194) }
```

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

```
.background{ background-color: rgb(182,  
254, 194) }
```

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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