

Converting Colors

XYZ(65.2603, 79.2751, 48.6988)

Have a look what the booklet for
XYZ(65.2603, 79.2751, 48.6988)
contains.

XYZ(65.0919, 78.9962, 48.8629)	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(65.0919, 78.9962,
48.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F0A8
RGB	211, 240, 168
RGB Percent	83%, 94%, 66%
CMY	0.1725, 0.0588, 0.3412
CMYK	0.12, 0.00, 0.30, 0.06
HSL	84°, 71%, 80%
HSV	84°, 30%, 94%
XYZ	65.0919, 78.9962, 48.8629
YIQ	223.1210, 5.8280, -28.5400

Conversions

Conversions Part 2

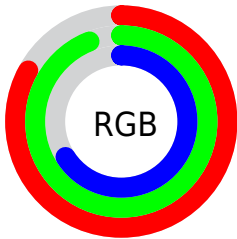
Format	Color
RYB	168, 240, 197
Decimal	13889704
CIELab	91.23, -21.49, 31.76
CIElCh	91, 38.347, 124.077
Yxy	78.9962, 0.3373, 0.4094
Android (android.graphics.Color)	4292079784 (0xFFD3F0A8)
YUV	223.1210, -27.1747, -10.6301
Hunter-Lab	88.8798, -24.8136, 29.6204

Details

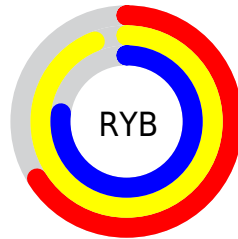
The XYZ color **65.0919, 78.9962, 48.8629** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.7600, 46.1691, 88.5732**, and the grayscale version is **70.4112, 74.0780, 80.6710**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **33.9453, 42.5867, 22.6506** is the 20% darker color. If you saturate the color by 10%, you get **60.3727, 76.8008, 38.0283**, and if you desaturate by 10%, it is **70.3945, 81.4496, 61.8820**.

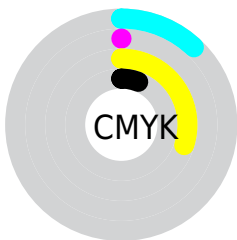
Distribution



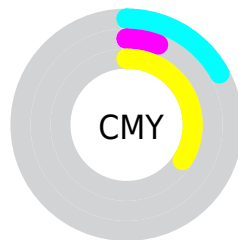
- Red (83%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (77%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (17%)
- Magenta (6%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0919, 78.9962, 48.8629 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 65.0919, 78.9962, 48.8629 by changing the saturation by 10% instead.

65.0919, 78.9962,
48.8629

65.0919, 78.9962,
48.8629

432.6621,
491.5435, 398.8093

47.8006, 58.8927,
34.1459

111.2469,
131.9535, 89.8667

33.8796, 42.5267,
22.7274

140.8414,
165.5761, 116.9905

22.9636, 29.5140,
14.1890

175.2676,
204.4738, 149.0871

14.6871, 19.4700,
8.1120

214.8908,
249.0311, 186.5749

8.6850, 12.0104,
4.0779

260.0766,
299.6323, 229.8725

4.5917, 6.7507,
1.6682

311.1902,

2.0421, 3.3067,

356.6618, 279.3984

0.3388

368.5969,
420.5041, 335.5711

0.6574, 1.2939,
0.0000

0.0000, 0.1365,
0.0000

65.0919, 78.9962,
48.8629

65.0919, 78.9962,
48.8629

60.3727, 76.8008,
38.0283

70.3945, 81.4496,
61.8820

56.2052, 74.8422,
29.2534

76.2982, 84.1603,
77.1913

52.5635, 73.1126,
22.4083

82.8274, 87.1411,
94.8957

49.4167, 71.5991,
17.3464

88.5191, 89.8072,
107.2768

■ 46.7298, 70.2875,
13.9002

■ 90.4517, 90.8035,
107.3672

■ 44.4618, 69.1609,
11.8701

■ 42.5455, 68.1920,
10.9200

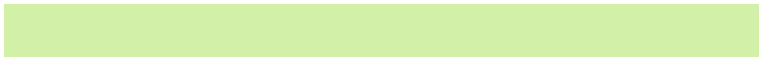
Harmonies

Analogous

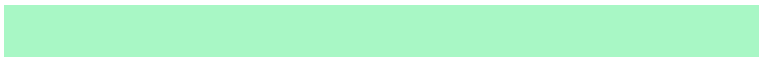
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7627, 78.9962, 42.9115



65.0919, 78.9962, 48.8629



59.4990, 78.9962, 64.6736

Triad

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



65.0919, 78.9962, 48.8629



67.2066, 78.9962, 143.6860



95.3091, 78.9962, 82.2643

Complementary

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



65.0919, 78.9962, 48.8629



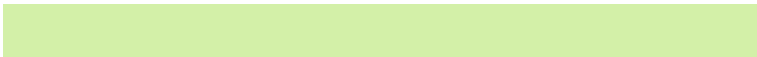
52.7600, 46.1691, 88.5732

Split Complementary

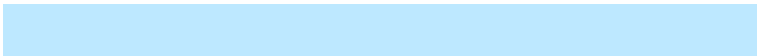
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1762, 78.9962, 111.5962



65.0919, 78.9962, 48.8629



76.4200, 78.9962, 151.2045

Square

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



65.0919, 78.9962, 48.8629



60.6440, 78.9962, 119.6210



86.0486, 78.9962, 138.3954



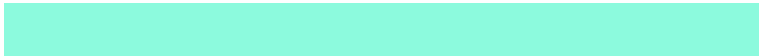
91.6504, 78.9962, 59.3758

Rectangle

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



65.0919, 78.9962, 48.8629



57.9873, 78.9962, 80.6078



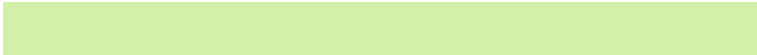
86.0486, 78.9962, 138.3954



95.2476, 78.9962, 91.6555

Sweetspot

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



65.0939, 78.9997, 48.8646



88.2527, 96.8976, 90.4329



62.9269, 61.1969, 45.5425



18.6664, 20.6379, 18.7630



0.0000, 0.0000, 0.0000



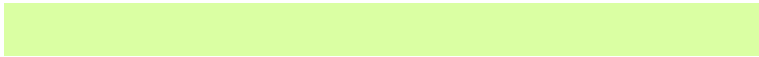
20.3446, 21.4041, 23.3091

Same Dimension

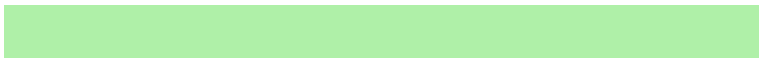
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.0939, 78.9997, 48.8646



71.3082, 89.0800, 48.1802



55.9546, 74.2882, 48.4369



16.4712, 18.1231, 16.7797



23.4432, 37.4070, 5.9847



2.0624, 3.1697, 0.5031

Inverse Universe

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



52.7600, 46.1691, 88.5732



55.0503, 45.7896, 100.5446



63.2728, 51.5886, 89.0652



15.5000, 15.5395, 19.9041



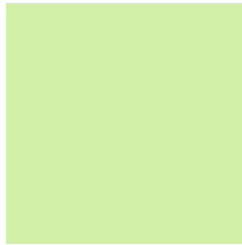
11.4308, 4.8982, 45.4708



1.0605, 0.4640, 3.7879

Previews

White Background



This preview shows how the XYZ color 65.0919, 78.9962, 48.8629 looks on a white background.

Color Contrast Check

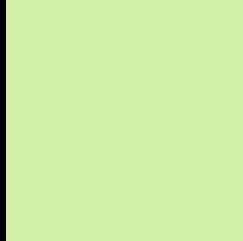
Large Text (above 18pt) WCAG AA × Fail

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 65.0919, 78.9962, 48.8629 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 65.0919, 78.9962, 48.8629

Background



This preview shows how black text looks on a background with the XYZ color 65.0919, 78.9962, 48.8629.

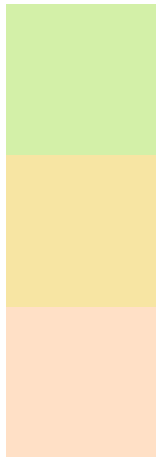


This preview shows how white text looks on a background with the XYZ color 65.0919, 78.9962,

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

65.0919, 78.9962, 48.8629

Protanopia

72.9879, 78.4571, 45.9472

Deuteranopia

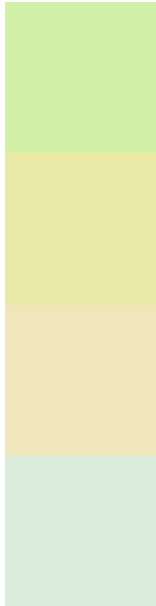
78.0887, 78.6485, 64.4910



Tritanopia

75.3643, 78.9005, 100.0641

Trichromacy



Original Color

65.0919, 78.9962, 48.8629

Protanomaly

69.8621, 78.4869, 47.0647

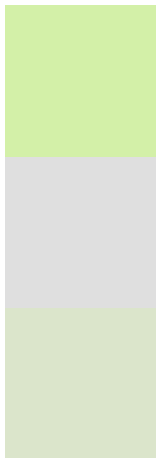
Deuteranomaly

72.8631, 78.5322, 58.3316

Tritanomaly

71.1224, 78.8655, 78.4919

Monochromacy



Original Color

65.0919, 78.9962, 48.8629

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.0122, 75.4105, 67.4710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0919, 78.9962, 48.8629 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(211, 240, 168)` looks like.

```
.text, #text, p{  
    color:rgb(211, 240, 168)  
}
```

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(211, 240, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 240, 168) }
```

Border

The CSS property to change the border of an element to XYZ 65.0919, 78.9962, 48.8629 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(211, 240, 168) }
```


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

```
.border{ border-color:rgb(211, 240, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 240, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 240, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 240, 168); box-shadow:4px 4px 4px 4px rgb(211, 240, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0919, 78.9962, 48.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 240, 168) }
```

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

```
.background{ background-color: rgb(211,  
240, 168) }
```

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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