

Converting Colors

XYZ(65.2225, 75.4975, 54.8523)

Have a look what the booklet for
XYZ(65.2225, 75.4975, 54.8523)
contains.

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Color

**XYZ(65.2214, 75.4965,
54.8508)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E8B5
RGB	215, 232, 181
RGB Percent	84%, 91%, 71%
CMY	0.1569, 0.0902, 0.2902
CMYK	0.07, 0.00, 0.22, 0.09
HSL	80°, 53%, 81%
HSV	80°, 22%, 91%
XYZ	65.2214, 75.4965, 54.8508
YIQ	221.1030, 6.2390, -19.4650

Conversions

Conversions Part 2

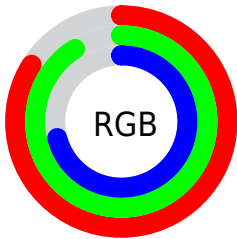
Format	Color
RYB	181, 232, 198
Decimal	14149813
CIELab	89.63, -14.26, 22.98
CIElCh	90, 27.043, 121.835
Yxy	75.4965, 0.3335, 0.3860
Android (android.graphics.Color)	4292339893 (0xFFD7E8B5)
YUV	221.1030, -19.7708, -5.3523
Hunter-Lab	86.8887, -18.0676, 23.3937

Details

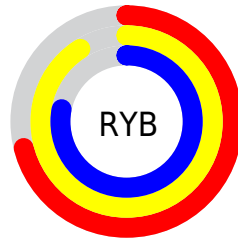
The XYZ color **65.2214, 75.4965, 54.8508** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.3811, 50.8818, 83.3031**, and the grayscale version is **68.9327, 72.5225, 78.9771**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **33.9188, 40.0828, 26.3711** is the 20% darker color. If you saturate the color by 10%, you get **60.8190, 73.4818, 43.2361**, and if you desaturate by 10%, it is **70.1317, 77.7318, 68.5616**.

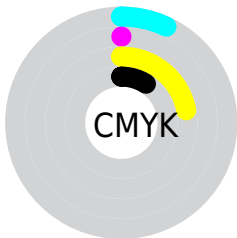
Distribution



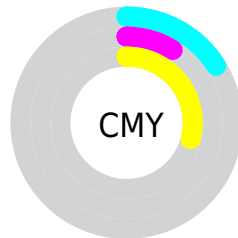
- Red (84%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2214, 75.4965, 54.8508 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 65.2214, 75.4965, 54.8508 by changing the saturation by 10% instead.

65.2214, 75.4965,
54.8508

65.2214, 75.4965,
54.8508

433.1198,
479.6224, 422.6121

47.9060, 56.0197,
38.8845

111.4320,
127.0149, 98.7913

33.9634, 40.2187,
26.3627

141.0580,
159.8254, 127.6025

23.0282, 27.7091,
16.8670

175.5182,
197.8492, 161.5325

14.7352, 18.1065,
9.9788

215.1779,
241.4708, 200.9997

8.7188, 11.0265,
5.2795

260.4026,
291.0745, 246.4228

4.6139, 6.0847,
2.3506

311.5576,

2.0550, 2.8966,

347.0447, 298.2201

0.7593

369.0082,
409.7659, 356.8104

0.6645, 1.0780,
0.0000

0.0000, 0.0000,
0.0000

65.2214, 75.4965,
54.8508

65.2214, 75.4965,
54.8508

60.8190, 73.4818,
43.2361

70.1317, 77.7318,
68.5616

56.8974, 71.6692,
33.6093

75.5636, 80.1858,
84.4599

53.4358, 70.0526,
25.8599

81.5376, 82.8693,
102.6375

50.4093, 68.6220,
19.8645

84.8937, 84.5187,
106.4471

■ 47.7902, 67.3660,
15.4850

■ 87.6631, 85.9463,
106.5767

■ 45.5466, 66.2717,
12.5628

■ 88.1482, 86.1964,
106.5994

■ 43.6408, 65.3239,
10.9069

■ 42.3092, 64.6506,
10.2489

Harmonies

Analogous

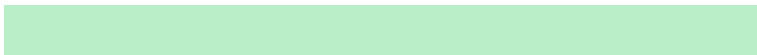
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3484, 75.4965, 50.7644



65.2214, 75.4965, 54.8508



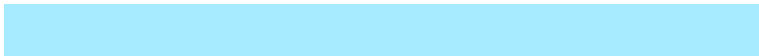
61.0642, 75.4965, 66.1007

Triad

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



65.2214, 75.4965, 54.8508



65.8892, 75.4965, 118.8988



85.3114, 75.4965, 81.0356

Complementary

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



65.2214, 75.4965, 54.8508



54.3811, 50.8818, 83.3031

Split Complementary

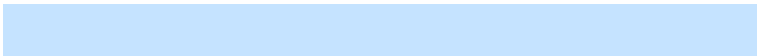
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.6307, 75.4965, 100.7282



65.2214, 75.4965, 54.8508



72.1675, 75.4965, 124.5065

Square

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



65.2214, 75.4965, 54.8508



61.4327, 75.4965, 103.0723



78.7156, 75.4965, 117.4051



83.1780, 75.4965, 64.3596

Rectangle

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



65.2214, 75.4965, 54.8508



59.8294, 75.4965, 77.1109



78.7156, 75.4965, 117.4051



85.1734, 75.4965, 87.5142

Sweetspot

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



65.2234, 75.4998, 54.8524



90.1523, 97.7919, 94.3599



61.8160, 60.8827, 52.2106



19.2092, 20.8921, 19.9424



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.



65.2234, 75.4998, 54.8524



78.4828, 92.4871, 61.6889



58.3101, 71.9359, 54.5289



15.1103, 16.5639, 15.3052



23.6260, 35.9611, 5.6960



1.8434, 2.7077, 0.4255

Inverse Universe

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



54.3811, 50.8818, 83.3031



62.9913, 57.3064, 102.3490



61.6778, 54.6434, 83.6446



14.0333, 14.1194, 18.1300



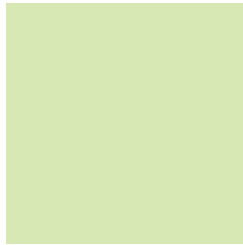
9.9204, 4.1801, 42.6671



0.8288, 0.3582, 3.1574

Previews

White Background



This preview shows how the XYZ color 65.2214, 75.4965, 54.8508 looks on a white background.

Color Contrast Check

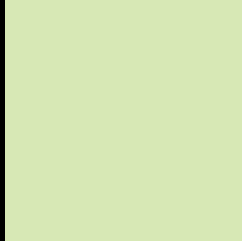
Large Text (above 18pt) WCAG AA × Fail

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 65.2214, 75.4965, 54.8508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

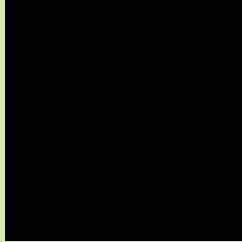
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

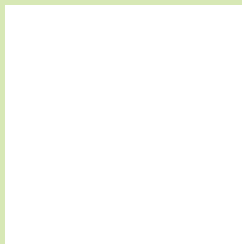
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2214, 75.4965, 54.8508

Background



This preview shows how black text looks on a background with the XYZ color 65.2214, 75.4965, 54.8508.

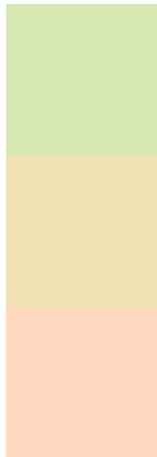


This preview shows how white text looks on a background with the XYZ color 65.2214, 75.4965,

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

65.2214, 75.4965, 54.8508

Protanopia

70.5577, 75.4155, 52.9573

Deuteranopia

75.8258, 75.2086, 60.3894



Tritanopia

73.4231, 75.5694, 94.7209

Trichromacy



Original Color

65.2214, 75.4965, 54.8508

Protanomaly

68.5132, 75.5645, 53.6222

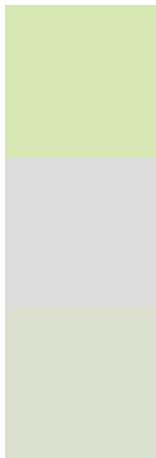
Deuteranomaly

71.4000, 74.9315, 58.2770

Tritanomaly

70.2061, 75.4776, 78.5785

Monochromacy



Original Color

65.2214, 75.4965, 54.8508

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.2792, 73.3667, 69.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2214, 75.4965, 54.8508 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(215, 232, 181)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 181)  
}
```

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(215, 232, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.2214, 75.4965, 54.8508 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(215, 232, 181) }
```


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

```
.border{ border-color:rgb(215, 232, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 232, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 181);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2214, 75.4965, 54.8508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 181) }
```

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

```
.background{ background-color: rgb(215,  
232, 181) }
```

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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