

Converting Colors

XYZ(65.2978, 73.7850, 69.2326)

Have a look what the booklet for
XYZ(65.2978, 73.7850, 69.2326)
contains.

XYZ(65.4544, 74.0502, 69.2358)	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(65.4544, 74.0502,
69.2358)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E5CE
RGB	209, 229, 206
RGB Percent	82%, 90%, 81%
CMY	0.1804, 0.1019, 0.1922
CMYK	0.09, 0.00, 0.10, 0.10
HSL	112°, 31%, 85%
HSV	112°, 10%, 90%
XYZ	65.4544, 74.0502, 69.2358
YIQ	220.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

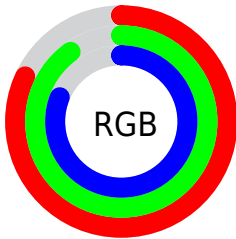
Format	Color
R_{YB}	206, 229, 226
Decimal	13755854
CIE _{Lab}	88.95, -10.81, 8.96
CIE _{LCh}	89, 14.043, 140.363
Yxy	74.0502, 0.3136, 0.3547
Android (android.graphics.Color)	4291945934 (0xFFD1E5CE)
YUV	220.3980, -7.0982, -9.9960
Hunter-Lab	86.0524, -14.8186, 12.5333

Details

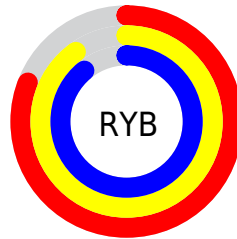
The XYZ color **65.4544, 74.0502, 69.2358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5811, 65.9705, 83.3043**, and the grayscale version is **68.3576, 71.9175, 78.3182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1300, 39.4091, 35.5136** is the 20% darker color. If you saturate the color by 10%, you get **57.5864, 70.2946, 55.3881**, and if you desaturate by 10%, it is **74.4362, 78.3374, 85.2546**.

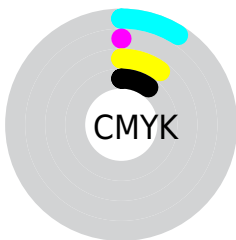
Distribution



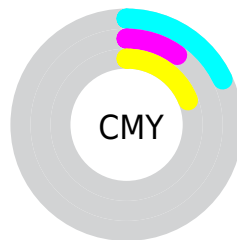
- Red (82%)
- Green (90%)
- Blue (81%)



- Red (81%)
- Yellow (90%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4544, 74.0502, 69.2358 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 65.4544, 74.0502, 69.2358 by changing the saturation by 10% instead.

■ 65.4544, 74.0502,
69.2358

■ 65.4544, 74.0502,
69.2358

433.9425,
474.6466, 476.5786

■ 48.0957, 54.8351,
50.4308

111.7650,
124.9670, 119.7892

■ 34.1142, 39.2697,
35.3823

141.4475,
157.4375, 152.3747

■ 23.1447, 26.9696,
23.6716

175.9688,
195.0952, 190.3907

■ 14.8217, 17.5504,
14.8802

215.6941,
238.3246, 234.2559

■ 8.7798, 10.6277,
8.5897

260.9887,
287.5100, 284.3887

■ 4.6538, 5.8171,
4.3814

312.2181,

■ 2.0783, 2.7342,

343.0359, 341.2078

1.8368

369.7476,
405.2866, 405.1316

■ 0.6774, 0.9946,
0.4521

■ 0.0000, 0.0000,
0.0000

■ 65.4544, 74.0502,
69.2358

■ 65.4544, 74.0502,
69.2358

■ 57.5864, 70.2946,
55.3881

■ 74.4362, 78.3374,
85.2546

■ 50.7828, 67.0408,
43.6134

■ 84.5666, 83.1659,
103.5272

■ 44.9993, 64.2702,
33.8136

■ 87.3108, 84.5216,
106.3203

■ 40.1864, 61.9597,
25.8805

■ 36.2904, 60.0840,
19.6955

■ 33.2520, 58.6157,
15.1265

■ 31.0051, 57.5237,
12.0227

■ 29.4734, 56.7728,
10.2048

■ 28.5522, 56.3155,
9.3651

Harmonies

Analogous

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



68.1262, 74.0502, 64.2783



65.4544, 74.0502, 69.2358



64.1160, 74.0502, 77.5260

Triad

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



65.4544, 74.0502, 69.2358



69.2908, 74.0502, 100.5877



76.7082, 74.0502, 74.2708

Complementary

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



65.4544, 74.0502, 69.2358



67.5811, 65.9705, 83.3043

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.



77.0445, 74.0502, 83.8118



65.4544, 74.0502, 69.2358



72.6880, 74.0502, 99.5389

Square

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



65.4544, 74.0502, 69.2358



66.2833, 74.0502, 95.9659



75.5519, 74.0502, 93.2061



74.6473, 74.0502, 67.0183

Rectangle

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



65.4544, 74.0502, 69.2358



64.1295, 74.0502, 84.0522



75.5519, 74.0502, 93.2061



77.0292, 74.0502, 77.2983

Sweetspot

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



65.4564, 74.0534, 69.2374



91.4373, 98.2771, 102.4292



70.6351, 75.4743, 69.2387



19.3695, 20.9391, 21.5633



0.0000, 0.0000, 0.0000



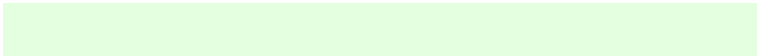
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4564, 74.0534, 69.2374



81.3877, 93.4814, 84.5599



65.6683, 74.0410, 74.7412



14.3631, 16.1788, 15.2702



16.3798, 32.2256, 5.3569



1.2671, 2.4106, 0.3985

Inverse Universe

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



67.5811, 65.9705, 83.3043



84.6005, 81.2576, 105.8331



67.3805, 65.9999, 77.2950



14.8005, 14.5149, 18.1659



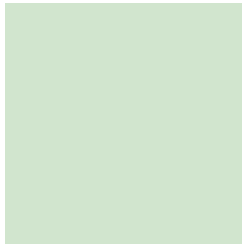
21.6468, 10.2252, 43.2159



1.6513, 0.7823, 3.1959

Previews

White Background



This preview shows how the XYZ color 65.4544, 74.0502, 69.2358 looks on a white background.

Color Contrast Check

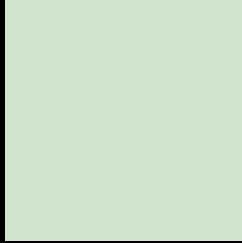
Large Text (above 18pt) WCAG AA × Fail

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 65.4544, 74.0502, 69.2358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

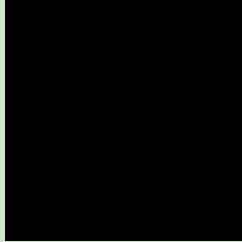
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

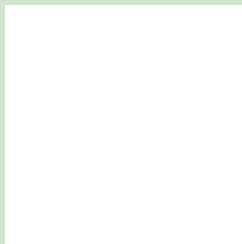
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4544, 74.0502, 69.2358

Background



This preview shows how black text looks on a background with the XYZ color 65.4544, 74.0502, 69.2358.



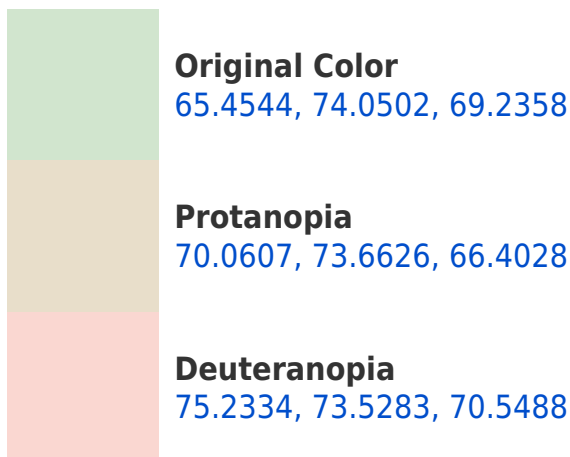
This preview shows how white text looks on a background with the XYZ color 65.4544, 74.0502,

69.2358.

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

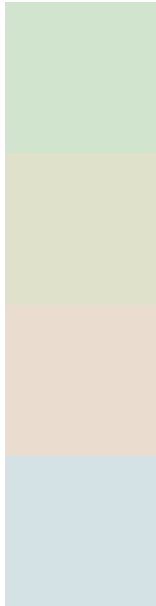




Tritanopia

70.7070, 74.1692, 94.5938

Trichromacy



Original Color

65.4544, 74.0502, 69.2358

Protanomaly

68.4452, 74.0095, 67.1777

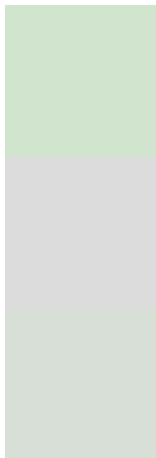
Deuteranomaly

71.2393, 73.4026, 70.0879

Tritanomaly

68.7798, 74.1960, 84.8249

Monochromacy



Original Color

65.4544, 74.0502, 69.2358

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.9723, 72.2806, 74.7117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4544, 74.0502, 69.2358 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(209, 229, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 229, 206)  
}
```

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(209, 229, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 229, 206) }
```

Border

The CSS property to change the border of an element to XYZ 65.4544, 74.0502, 69.2358 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(209, 229, 206) }
```


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

```
.border{ border-color:rgb(209, 229, 206) }
```

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

Here you see how a box with a 4 pixel rgb(209, 229, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 229, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 229, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 229,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4544, 74.0502, 69.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 229, 206) }
```

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

```
.background{ background-color: rgb(209,  
229, 206) }
```

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