

Converting Colors

XYZ(64.8902, 74.2015, 58.5878)

Have a look what the booklet for
XYZ(64.8902, 74.2015, 58.5878)
contains.

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Color

**XYZ(65.1055, 74.5206,
58.5294)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E6BC
RGB	214, 230, 188
RGB Percent	84%, 90%, 74%
CMY	0.1608, 0.0980, 0.2627
CMYK	0.07, 0.00, 0.18, 0.10
HSL	83°, 46%, 82%
HSV	83°, 18%, 90%
XYZ	65.1055, 74.5206, 58.5294
YIQ	220.4280, 3.9460, -16.4540

Conversions

Conversions Part 2

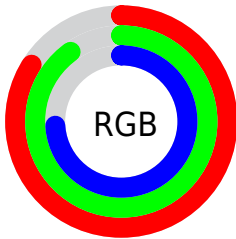
Format	Color
R _{YB}	188, 230, 204
Decimal	14083772
CIE Lab	89.17, -12.56, 18.71
CIE LCh	89, 22.530, 123.870
Yxy	74.5206, 0.3286, 0.3761
Android (android.graphics.Color)	4292273852 (0xFFD6E6BC)
YUV	220.4280, -15.9870, -5.6374
Hunter-Lab	86.3253, -16.4468, 20.2285

Details

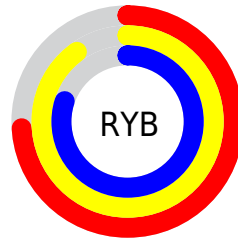
The XYZ color **65.1055, 74.5206, 58.5294** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.1708, 54.5189, 82.3769**, and the grayscale version is **68.4346, 71.9985, 78.4064**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **33.8073, 39.3923, 28.7433** is the 20% darker color. If you saturate the color by 10%, you get **60.3323, 72.3262, 46.3784**, and if you desaturate by 10%, it is **70.4155, 76.9505, 72.7712**.

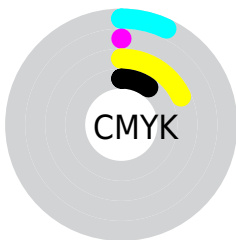
Distribution



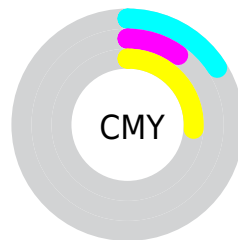
- Red (84%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1055, 74.5206, 58.5294 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 65.1055, 74.5206, 58.5294 by changing the saturation by 10% instead.

65.1055, 74.5206,
58.5294

65.1055, 74.5206,
58.5294

432.7102,
476.2682, 436.8089

47.8116, 55.2202,
41.8169

111.2664,
125.6335, 104.2158

33.8884, 39.5781,
28.6334

140.8641,
158.2149, 134.0267

22.9703, 27.2097,
18.5605

175.2939,
195.9920, 169.0409

14.6922, 17.7308,
11.1796

214.9210,
239.3493, 209.6768

8.6885, 10.7569,
6.0721

260.1108,
288.6712, 256.3530

4.5941, 5.9036,
2.8194

311.2287,

2.0434, 2.7866,

344.3420, 309.4881

1.0032

368.6401,
406.7462, 369.5006

■ 0.6582, 1.0213,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1055, 74.5206,
58.5294

■ 65.1055, 74.5206,
58.5294

■ 60.3323, 72.3262,
46.3784

■ 70.4155, 76.9505,
72.7712

■ 56.0692, 70.3490,
36.2150

■ 76.2759, 79.6143,
89.1910

■ 52.2957, 68.5831,
27.9344

■ 82.3828, 82.3931,
106.1692

■ 48.9876, 67.0184,
21.4202

■ 85.4352, 83.9667,
106.3120

■ 46.1179, 65.6440,
16.5431

■ 87.5883, 85.0766,
106.4128

■ 43.6564, 64.4475,
13.1561

■ 41.5679, 63.4145,
11.0862

■ 39.8028, 62.5249,
10.0855

■ 39.5169, 62.3800,
9.9578

Harmonies

Analogous

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



70.1192, 74.5206, 54.5505



65.1055, 74.5206, 58.5294



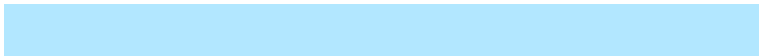
61.7650, 74.5206, 68.5358

Triad

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



65.1055, 74.5206, 58.5294



66.2797, 74.5206, 111.4359



81.8973, 74.5206, 79.1159

Complementary

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



65.1055, 74.5206, 58.5294



57.1708, 54.5189, 82.3769

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.



80.7403, 74.5206, 95.2025



65.1055, 74.5206, 58.5294



71.5448, 74.5206, 115.2117

Square

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



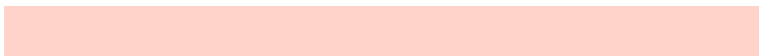
65.1055, 74.5206, 58.5294



62.4179, 74.5206, 99.1904



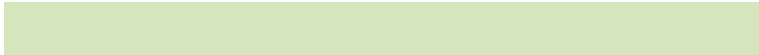
76.8797, 74.5206, 108.9326



79.9650, 74.5206, 65.4246

Rectangle

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



65.1055, 74.5206, 58.5294



60.8396, 74.5206, 77.9533



76.8797, 74.5206, 108.9326



81.8573, 74.5206, 84.4129

Sweetspot

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



65.1075, 74.5239, 58.5310



91.2998, 98.2961, 98.3624



63.1634, 63.3573, 56.4781



19.4322, 20.9895, 20.7488



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.



65.1075, 74.5239, 58.5310



79.8657, 93.0678, 67.7265



59.5218, 71.6443, 58.2696



15.0418, 16.5286, 15.3020



22.5113, 35.3865, 5.6438



1.7662, 2.6679, 0.4219

Inverse Universe

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



57.1708, 54.5189, 82.3769



68.0491, 63.2795, 103.2353



63.1334, 57.5928, 82.6559



14.0993, 14.1534, 18.1331



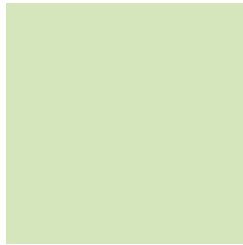
10.4710, 4.4639, 42.6929



0.8746, 0.3819, 3.1596

Previews

White Background



This preview shows how the XYZ color 65.1055, 74.5206, 58.5294 looks on a white background.

Color Contrast Check

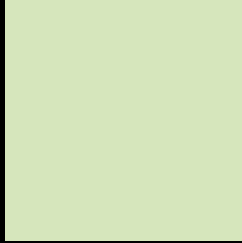
Large Text (above 18pt) WCAG AA × Fail

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 65.1055, 74.5206, 58.5294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

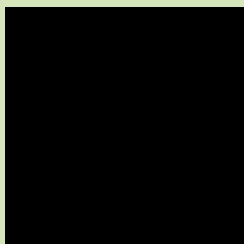
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

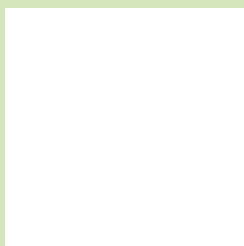
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1055, 74.5206, 58.5294

Background



This preview shows how black text looks on a background with the XYZ color 65.1055, 74.5206, 58.5294.

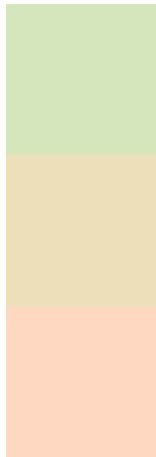


This preview shows how white text looks on a background with the XYZ color 65.1055, 74.5206,

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

65.1055, 74.5206, 58.5294

Protanopia

69.7367, 74.1110, 56.5283

Deuteranopia

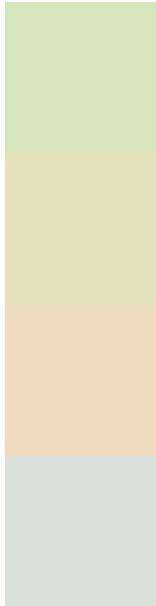
75.4215, 74.2220, 60.8032



Tritanopia

72.2401, 74.5962, 93.0291

Trichromacy



Original Color

65.1055, 74.5206, 58.5294

Protanomaly

68.0542, 74.4319, 57.2343

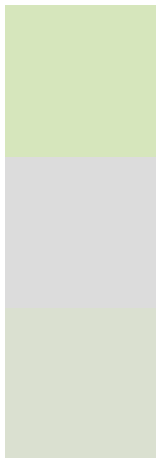
Deuteranomaly

71.1956, 73.9998, 59.8212

Tritanomaly

69.4609, 74.6732, 79.1590

Monochromacy



Original Color

65.1055, 74.5206, 58.5294

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.9543, 72.7708, 70.1918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1055, 74.5206, 58.5294 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(214, 230, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 188)  
}
```

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(214, 230, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 188) }
```

Border

The CSS property to change the border of an element to XYZ 65.1055, 74.5206, 58.5294 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(214, 230, 188) }
```


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

```
.border{ border-color:rgb(214, 230, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 230, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 188);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1055, 74.5206, 58.5294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 188) }
```

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

```
.background{ background-color: rgb(214,  
230, 188) }
```

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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