

Converting Colors

XYZ(64.6119, 74.9868, 58.8153)

Have a look what the booklet for
XYZ(64.6119, 74.9868, 58.8153)
contains.

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Color

**XYZ(64.5121, 75.0457,
58.6621)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E8BC
RGB	210, 232, 188
RGB Percent	82%, 91%, 74%
CMY	0.1765, 0.0902, 0.2627
CMYK	0.09, 0.00, 0.19, 0.09
HSL	90°, 49%, 82%
HSV	90°, 19%, 91%
XYZ	64.5121, 75.0457, 58.6621
YIQ	220.4060, 1.0120, -18.3480

Conversions

Conversions Part 2

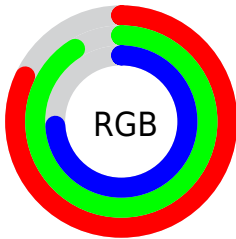
Format	Color
RYB	188, 232, 210
Decimal	13822140
CIELab	89.41, -14.96, 19.01
CIELCh	89, 24.190, 128.206
Yxy	75.0457, 0.3255, 0.3786
Android (android.graphics.Color)	4292012220 (0xFFD2E8BC)
YUV	220.4060, -15.9762, -9.1261
Hunter-Lab	86.6289, -18.6726, 20.4911

Details

The XYZ color **64.5121, 75.0457, 58.6621** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.1300, 55.4963, 83.9433**, and the grayscale version is **68.4206, 71.9838, 78.3903**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **33.4161, 39.7685, 28.8365** is the 20% darker color. If you saturate the color by 10%, you get **59.0257, 72.4857, 46.3828**, and if you desaturate by 10%, it is **70.6441, 77.8965, 73.0734**.

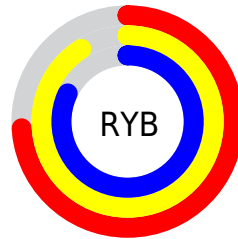
Distribution



Red (82%)

Green (91%)

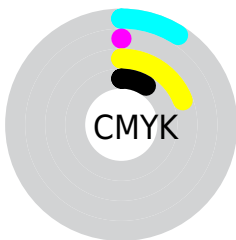
Blue (74%)



Red (74%)

Yellow (91%)

Blue (82%)

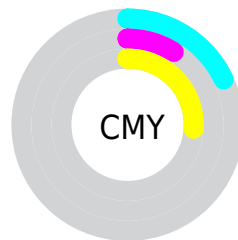


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (9%)



Cyan (18%)

Magenta (9%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5121, 75.0457, 58.6621 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 64.5121, 75.0457, 58.6621 by changing the saturation by 10% instead.

■ 64.5121, 75.0457,
58.6621

■ 64.5121, 75.0457,
58.6621

430.6096,
478.0746, 437.3155

■ 47.3288, 55.6503,
41.9230

■ 110.4177,
126.3770, 104.4107

■ 33.5047, 39.9226,
28.7158

139.8708,
159.0818, 134.2572

■ 22.6744, 27.4782,
18.6222

174.1444,
196.9918, 169.3099

■ 14.4727, 17.9327,
11.2236

213.6041,
240.4915, 209.9874

■ 8.5340, 10.9017,
6.1014

258.6151,
289.9652, 256.7082

■ 4.4932, 6.0008,
2.8370

309.5427,

■ 1.9848, 2.8455,

345.7974, 309.8907

1.0120

366.7524,
408.3724, 369.9537

0.6254, 1.0516,
0.0000

0.0000, 0.0000,
0.0000

64.5121, 75.0457,
58.6621

64.5121, 75.0457,
58.6621

59.0257, 72.4857,
46.3828

70.6441, 77.8965,
73.0734

54.1548, 70.1966,
36.1294

77.4384, 81.0380,
89.7063

49.8753, 68.1705,
27.7941

84.4966, 84.3138,
106.4285

46.1591, 66.3955,
21.2570

88.1481, 86.1962,
106.5994

■ 42.9754, 64.8588,
16.3847

■ 40.2896, 63.5458,
13.0256

■ 38.0615, 62.4397,
10.9999

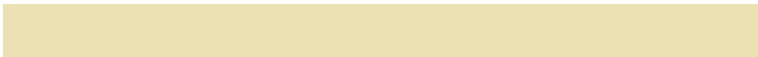
■ 36.2327, 61.5164,
10.0331

■ 36.0591, 61.4285,
9.9564

Harmonies

Analogous

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



69.7149, 75.0457, 53.4866



64.5121, 75.0457, 58.6621



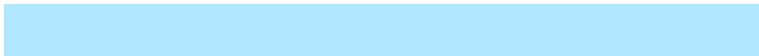
61.2649, 75.0457, 70.1874

Triad

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



64.5121, 75.0457, 58.6621



67.1821, 75.0457, 115.9049



83.2089, 75.0457, 77.1430

Complementary

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



64.5121, 75.0457, 58.6621



59.1300, 55.4963, 83.9433

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.



82.4383, 75.0457, 94.4337



64.5121, 75.0457, 58.6621



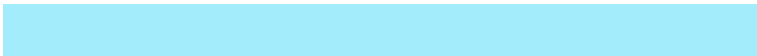
72.9671, 75.0457, 118.4455

Square

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



64.5121, 75.0457, 58.6621



62.7460, 75.0457, 103.5981



78.6093, 75.0457, 110.1246



80.6604, 75.0457, 63.1482

Rectangle

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



64.5121, 75.0457, 58.6621



60.5371, 75.0457, 80.6949



78.6093, 75.0457, 110.1246



83.3321, 75.0457, 82.7376

Sweetspot

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



64.5141, 75.0490, 58.6637



89.9246, 97.6311, 96.3098



65.4053, 66.8826, 57.0405



19.1321, 20.8436, 20.3341



0.0000, 0.0000, 0.0000



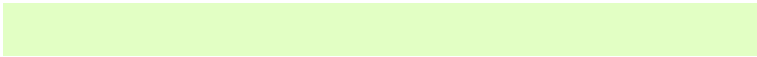
20.3446, 21.4041, 23.3091

Same Dimension

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



64.5141, 75.0490, 58.6637



77.0248, 91.6372, 66.0618



58.6750, 72.0388, 58.3905



14.8724, 16.4413, 15.2941



20.1629, 34.1759, 5.5339



1.5971, 2.5807, 0.4139

Inverse Universe

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



59.1300, 55.4963, 83.9433



69.1322, 62.9747, 103.1194



65.8303, 58.9505, 84.2569



14.2661, 14.2394, 18.1409



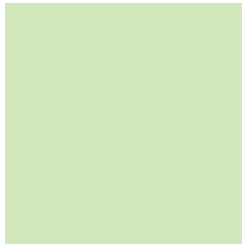
12.2310, 5.3712, 42.7753



1.0110, 0.4521, 3.1660

Previews

White Background



This preview shows how the XYZ color 64.5121, 75.0457, 58.6621 looks on a white background.

Color Contrast Check

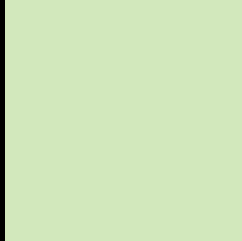
Large Text (above 18pt) WCAG AA × Fail

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 64.5121, 75.0457, 58.6621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

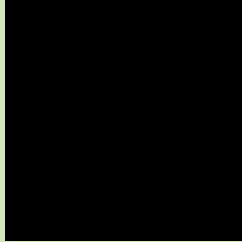
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

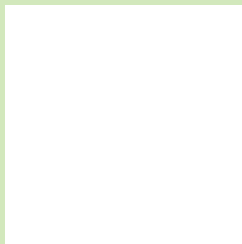
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5121, 75.0457, 58.6621

Background



This preview shows how black text looks on a background with the XYZ color 64.5121, 75.0457, 58.6621.



This preview shows how white text looks on a background with the XYZ color 64.5121, 75.0457,

58.6621.

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

64.5121, 75.0457, 58.6621

Protanopia

70.2324, 74.7765, 56.0791

Deuteranopia

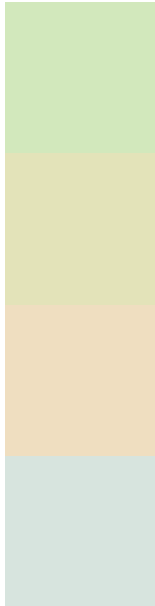
75.9032, 74.8258, 62.0721



Tritanopia

71.8657, 75.1667, 94.7253

Trichromacy



Original Color

64.5121, 75.0457, 58.6621

Protanomaly

67.9046, 74.7718, 56.7524

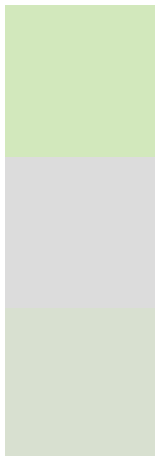
Deuteranomaly

71.2323, 74.3990, 60.4753

Tritanomaly

68.9526, 75.2078, 79.9896

Monochromacy



Original Color

64.5121, 75.0457, 58.6621

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.3597, 72.4643, 70.1640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5121, 75.0457, 58.6621 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(210, 232, 188)` looks like.

```
.text, #text, p{  
    color:rgb(210, 232, 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(210, 232, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 232, 188) }
```

Border

The CSS property to change the border of an element to XYZ 64.5121, 75.0457, 58.6621 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(210, 232, 188) }
```


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

```
.border{ border-color:rgb(210, 232, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 232, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 232, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 232, 188);  
box-shadow:4px 4px 4px 4px rgb(210, 232,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5121, 75.0457, 58.6621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 232, 188) }
```

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

```
.background{ background-color: rgb(210,  
232, 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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