

Converting Colors

XYZ(65.8881, 73.8214, 75.0289)

Have a look what the booklet for
XYZ(65.8881, 73.8214, 75.0289)
contains.

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Color

**XYZ(65.7413, 73.6585,
75.0426)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE4D7
RGB	207, 228, 215
RGB Percent	81%, 89%, 84%
CMY	0.1882, 0.1059, 0.1569
CMYK	0.09, 0.00, 0.06, 0.11
HSL	143°, 28%, 85%
HSV	143°, 9%, 89%
XYZ	65.7413, 73.6585, 75.0426
YIQ	220.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

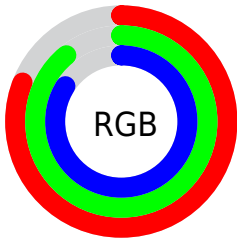
Format	Color
RYB	207, 222, 228
Decimal	13624535
CIELab	88.76, -9.37, 3.96
CIElCh	89, 10.173, 157.097
Yxy	73.6585, 0.3066, 0.3435
Android (android.graphics.Color)	4291814615 (0xFFCFE4D7)
YUV	220.2390, -2.5828, -11.6106
Hunter-Lab	85.8245, -13.4625, 8.2356

Details

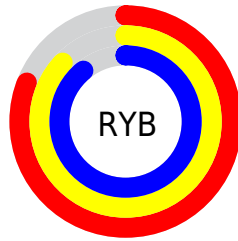
The XYZ color **65.7413, 73.6585, 75.0426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2287, 66.2888, 76.9653**, and the grayscale version is **68.2178, 71.7704, 78.1580**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4256, 39.1975, 39.0092** is the 20% darker color. If you saturate the color by 10%, you get **58.0894, 69.9165, 65.6215**, and if you desaturate by 10%, it is **74.4738, 77.9436, 85.3343**.

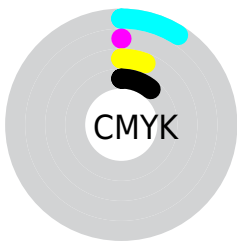
Distribution



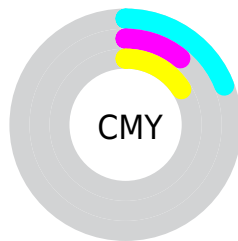
- Red (81%)
- Green (89%)
- Blue (84%)



- Red (81%)
- Yellow (87%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7413, 73.6585, 75.0426 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 65.7413, 73.6585, 75.0426 by changing the saturation by 10% instead.

65.7413, 73.6585,
75.0426

65.7413, 73.6585,
75.0426

434.9543,
473.2939, 497.3233

48.3294, 54.5146,
55.1458

112.1747,
124.4116, 128.1203

34.3001, 39.0132,
39.1191

141.9269,
156.7895, 162.1384

23.2882, 26.7700,
26.5439

176.5233,
194.3476, 201.7006

14.9283, 17.4006,
17.0015

216.3291,
237.4703, 247.2255

8.8551, 10.5205,
10.0736

261.7098,
286.5418, 299.1317

4.7031, 5.7454,
5.3416

313.0306,

2.1071, 2.6909,

341.9467, 357.8377

2.3868

370.6570,
404.0692, 423.7621

■ 0.6931, 0.9726,
0.7792

■ 0.0000, 0.0000,
0.0000

■ 65.7413, 73.6585,
75.0426

■ 65.7413, 73.6585,
75.0426

■ 58.0894, 69.9165,
65.6215

■ 74.4738, 77.9436,
85.3343

■ 51.4686, 66.6864,
57.0437

■ 84.3213, 82.7829,
96.5136

■ 45.8350, 63.9480,
49.2872

■ 87.0348, 83.9696,
106.2283

■ 41.1386, 61.6761,
42.3275

■ 37.3253, 59.8433,
36.1387

■ 34.3348, 58.4190,
30.6933

■ 32.0990, 57.3688,
25.9626

■ 30.5378, 56.6520,
21.9151

■ 29.5270, 56.2051,
18.5159

Harmonies

Analogous

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



67.1948, 73.6585, 69.8712



65.7413, 73.6585, 75.0426



65.4189, 73.6585, 81.8876

Triad

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



65.7413, 73.6585, 75.0426



70.5965, 73.6585, 94.4147



73.8525, 73.6585, 72.3023

Complementary

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



65.7413, 73.6585, 75.0426



67.2287, 66.2888, 76.9653

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.



74.8114, 73.6585, 78.5389



65.7413, 73.6585, 75.0426



72.9032, 73.6585, 91.5031

Square

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



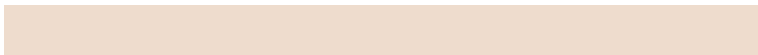
65.7413, 73.6585, 75.0426



68.1849, 73.6585, 93.3435



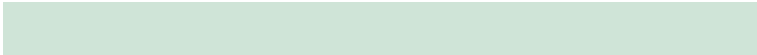
74.4600, 73.6585, 85.5918



71.8678, 73.6585, 68.3550

Rectangle

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



65.7413, 73.6585, 75.0426



65.8818, 73.6585, 86.5340



74.4600, 73.6585, 85.5918



74.3076, 73.6585, 74.1859

Sweetspot

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



65.7434, 73.6616, 75.0442



91.5381, 98.2765, 104.8042



68.6147, 75.2578, 69.9424



19.3967, 20.9390, 22.2019



0.0000, 0.0000, 0.0000



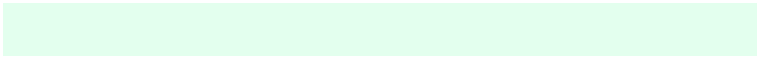
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7434, 73.6616, 75.0442



82.8017, 93.9943, 94.3859



67.0959, 74.2027, 82.1668



14.4153, 16.1796, 16.4519



17.0631, 32.4574, 10.8327



1.3050, 2.4161, 1.0329

Inverse Universe

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



67.2287, 66.2888, 76.9653



85.0726, 82.7217, 97.3228



65.9180, 65.7646, 70.0632



14.7502, 14.5173, 16.8850



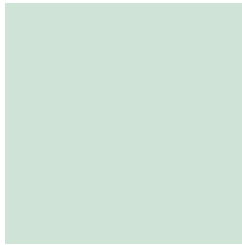
21.3174, 10.6612, 15.8323



1.6202, 0.8058, 1.4065

Previews

White Background



This preview shows how the XYZ color 65.7413, 73.6585, 75.0426 looks on a white background.

Color Contrast Check

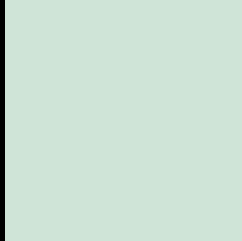
Large Text (above 18pt) WCAG AA × Fail

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 65.7413, 73.6585, 75.0426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

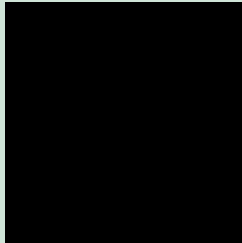
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

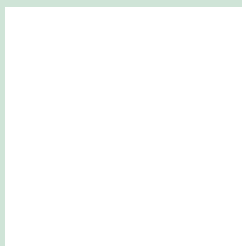
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7413, 73.6585, 75.0426

Background



This preview shows how black text looks on a background with the XYZ color 65.7413, 73.6585, 75.0426.



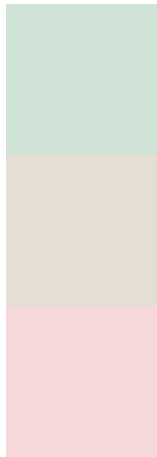
This preview shows how white text looks on a background with the XYZ color 65.7413, 73.6585,

75.0426.

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

65.7413, 73.6585, 75.0426

Protanopia

70.1922, 73.6037, 72.1354

Deuteranopia

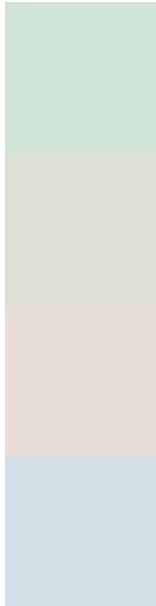
74.9614, 73.2557, 76.5185



Tritanopia

69.5466, 73.5710, 94.5395

Trichromacy



Original Color

65.7413, 73.6585, 75.0426

Protanomaly

68.3581, 73.4369, 72.8592

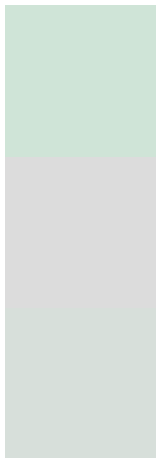
Deuteranomaly

71.3963, 73.3520, 76.0410

Tritanomaly

68.0690, 73.3783, 86.9197

Monochromacy



Original Color

65.7413, 73.6585, 75.0426

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.0669, 72.2844, 76.7471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7413, 73.6585, 75.0426 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(207, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 215)  
}
```

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(207, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.7413, 73.6585, 75.0426 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(207, 228, 215) }
```


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

```
.border{ border-color:rgb(207, 228, 215) }
```

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

Here you see how a box with a 4 pixel rgb(207, 228, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(207, 228,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7413, 73.6585, 75.0426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 215) }
```

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

```
.background{ background-color: rgb(207,  
228, 215) }
```

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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