

Converting Colors

XYZ(65.7583, 75.4862, 73.9862)

Have a look what the booklet for
XYZ(65.7583, 75.4862, 73.9862)
contains.

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Color

**XYZ(65.7687, 75.3547,
74.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE8D5
RGB	204, 232, 213
RGB Percent	80%, 91%, 84%
CMY	0.2000, 0.0902, 0.1647
CMYK	0.12, 0.00, 0.08, 0.09
HSL	139°, 38%, 85%
HSV	139°, 12%, 91%
XYZ	65.7687, 75.3547, 74.0293
YIQ	221.4620, -10.5890, -11.8450

Conversions

Conversions Part 2

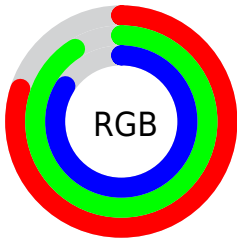
Format	Color
R_{YB}	204, 225, 232
Decimal	13428949
CIE Lab	89.56, -12.75, 6.13
CIE LCh	90, 14.148, 154.308
Yxy	75.3547, 0.3057, 0.3502
Android (android.graphics.Color)	4291619029 (0xFFCCE8D5)
YUV	221.4620, -4.1718, -15.3142
Hunter-Lab	86.8071, -16.6733, 10.2023

Details

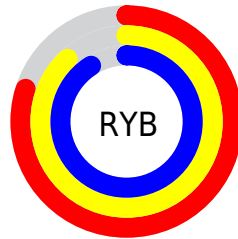
The XYZ color **65.7687, 75.3547, 74.0293** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.1936, 65.6711, 78.8972**, and the grayscale version is **69.0875, 72.6854, 79.1544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2746, 40.0033, 38.2627** is the 20% darker color. If you saturate the color by 10%, you get **57.9751, 71.5589, 63.7349**, and if you desaturate by 10%, it is **74.7078, 79.7228, 85.3933**.

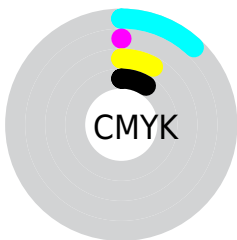
Distribution



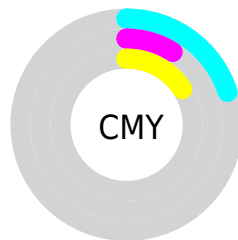
- Red (80%)
- Green (91%)
- Blue (84%)



- Red (80%)
- Yellow (88%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7687, 75.3547, 74.0293 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 65.7687, 75.3547, 74.0293 by changing the saturation by 10% instead.

65.7687, 75.3547,
74.0293

65.7687, 75.3547,
74.0293

435.0509,
479.1358, 493.7406

48.3517, 55.9035,
54.3211

112.2139,
126.8143, 126.6718

34.3179, 40.1256,
38.4635

141.9727,
159.5916, 160.4431

23.3020, 27.6365,
26.0380

176.5762,
197.5796, 199.7392

14.9385, 18.0518,
16.6261

216.3897,
241.1629, 244.9787

8.8623, 10.9872,
9.8091

261.7786,
290.7257, 296.5800

4.7079, 6.0582,
5.1686

313.1082,

2.1099, 2.8805,

346.6526, 354.9617

2.2861

370.7438,
409.3278, 420.5424

■ 0.6946, 1.0697,
0.7234

■ 0.0000, 0.0000,
0.0000

■ 65.7687, 75.3547,
74.0293

■ 65.7687, 75.3547,
74.0293

■ 57.9751, 71.5589,
63.7349

■ 74.7078, 79.7228,
85.3933

■ 51.2735, 68.3021,
54.4741

■ 84.8305, 84.6760,
97.8515

■ 45.6153, 65.5621,
46.2162

■ 88.1481, 86.1961,
106.5994

■ 40.9458, 63.3114,
38.9272

■ 37.2052, 61.5199,
32.5709

■ 34.3268, 60.1539,
27.1091

■ 32.2344, 59.1750,
22.5006

■ 30.8373, 58.5375,
18.7009

■ 30.1132, 58.2182,
16.2288

Harmonies

Analogous

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



67.9221, 75.3547, 67.2359



65.7687, 75.3547, 74.0293



65.1644, 75.3547, 83.4943

Triad

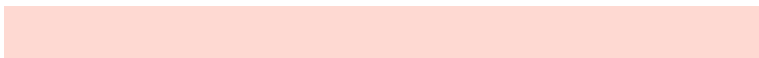
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7687, 75.3547, 74.0293



72.1254, 75.3547, 102.6466



77.2843, 75.3547, 71.7289

Complementary

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



65.7687, 75.3547, 74.0293



68.1936, 65.6711, 78.8972

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.



78.4936, 75.3547, 80.6194



65.7687, 75.3547, 74.0293



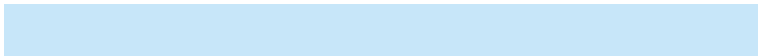
75.4547, 75.3547, 98.8909

Square

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



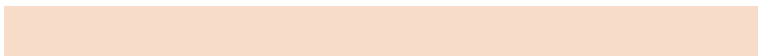
65.7687, 75.3547, 74.0293



68.7647, 75.3547, 100.5278



77.8135, 75.3547, 90.6268



74.5582, 75.3547, 65.9850

Rectangle

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



65.7687, 75.3547, 74.0293



65.7043, 75.3547, 90.1799



77.8135, 75.3547, 90.6268



77.8856, 75.3547, 74.4211

Sweetspot

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



65.7708, 75.3579, 74.0310



90.3019, 97.6787, 102.9650



70.2311, 77.7856, 68.4403



19.1428, 20.8166, 21.8051



0.0000, 0.0000, 0.0000



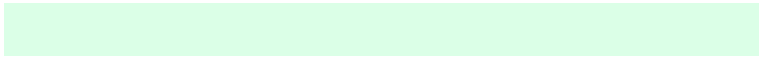
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7708, 75.3579, 74.0310



79.4556, 92.3834, 89.0778



67.6077, 76.0927, 83.7039



14.3793, 16.1651, 16.2620



16.7678, 32.3392, 9.2776



1.2803, 2.4062, 0.9026

Inverse Universe

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



68.1936, 65.6711, 78.8972



82.9071, 78.5826, 96.0096



66.3990, 64.9533, 69.4473



14.7877, 14.5323, 17.0825



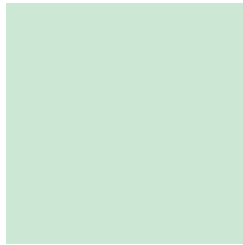
21.9343, 10.9079, 19.0809



1.6628, 0.8228, 1.6310

Previews

White Background



This preview shows how the XYZ color 65.7687, 75.3547, 74.0293 looks on a white background.

Color Contrast Check

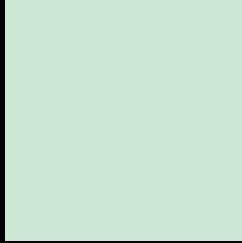
Large Text (above 18pt) WCAG AA × Fail

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 65.7687, 75.3547, 74.0293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

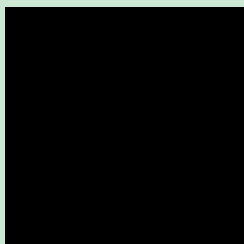
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

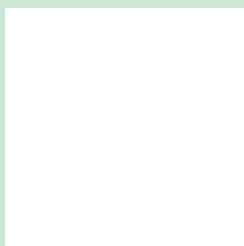
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7687, 75.3547, 74.0293

Background



This preview shows how black text looks on a background with the XYZ color 65.7687, 75.3547, 74.0293.



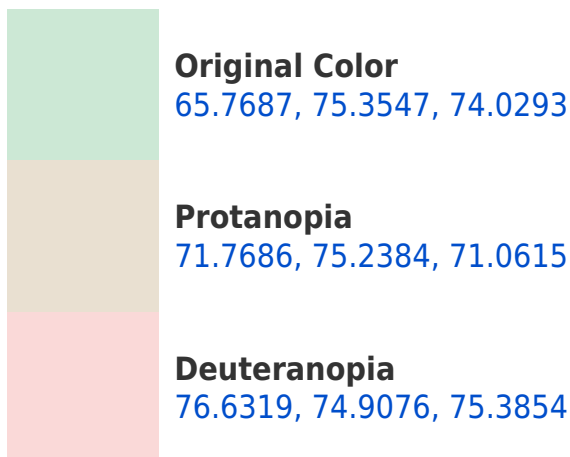
This preview shows how white text looks on a background with the XYZ color 65.7687, 75.3547,

74.0293.

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

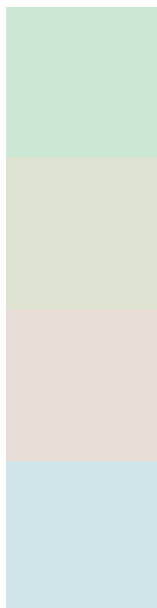




Tritanopia

70.2450, 75.0861, 97.1770

Trichromacy



Original Color

65.7687, 75.3547, 74.0293

Protanomaly

69.2261, 75.1209, 71.8239

Deuteranomaly

71.9913, 74.4725, 74.8703

Tritanomaly

68.4594, 75.1872, 87.9952

Monochromacy



Original Color

65.7687, 75.3547, 74.0293

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.6044, 73.3595, 76.9263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7687, 75.3547, 74.0293 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(204, 232, 213)` looks like.

```
.text, #text, p{  
    color:rgb(204, 232, 213)  
}
```

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(204, 232, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 232, 213) }
```

Border

The CSS property to change the border of an element to XYZ 65.7687, 75.3547, 74.0293 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(204, 232, 213) }
```


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

```
.border{ border-color:rgb(204, 232, 213) }
```

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

Here you see how a box with a 4 pixel rgb(204, 232, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 232, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 232, 213);  
box-shadow:4px 4px 4px 4px rgb(204, 232,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7687, 75.3547, 74.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 232, 213) }
```

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

```
.background{ background-color: rgb(204,  
232, 213) }
```

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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