

Converting Colors

XYZ(65.6576, 65.6232, 62.4425)

Have a look what the booklet for
XYZ(65.6576, 65.6232, 62.4425)
contains.

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Color

**XYZ(65.7846, 65.8587,
62.6709)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CFC6
RGB	232, 207, 198
RGB Percent	91%, 81%, 78%
CMY	0.0902, 0.1882, 0.2235
CMYK	0.00, 0.11, 0.15, 0.09
HSL	16°, 43%, 84%
HSV	16°, 15%, 91%
XYZ	65.7846, 65.8587, 62.6709
YIQ	213.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

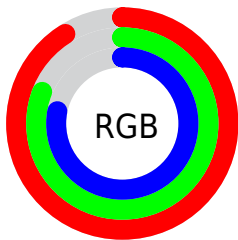
Format	Color
R _Y B	232, 210, 198
Decimal	15257542
CIE Lab	84.92, 7.26, 7.64
CIE LCh	85, 10.542, 46.454
Yxy	65.8587, 0.3385, 0.3389
Android (android.graphics.Color)	4293447622 (0xFFE8CFC6)
YUV	213.4490, -7.6164, 16.2692
Hunter-Lab	81.1534, 2.6774, 11.0205

Details

The XYZ color **65.7846, 65.8587, 62.6709** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2415, 70.6058, 86.5869**, and the grayscale version is **63.5891, 66.9007, 72.8549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3298, 34.0262, 31.1439** is the 20% darker color. If you saturate the color by 10%, you get **59.3999, 57.0484, 48.3360**, and if you desaturate by 10%, it is **73.0292, 75.7316, 79.3162**.

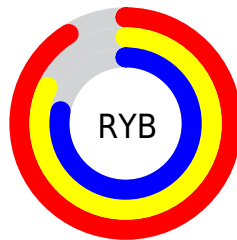
Distribution



Red (91%)

Green (81%)

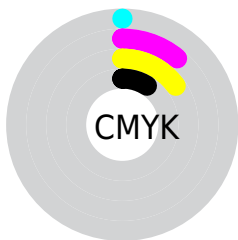
Blue (78%)



Red (91%)

Yellow (82%)

Blue (78%)

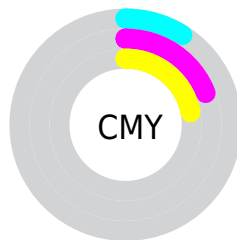


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7846, 65.8587, 62.6709 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 65.7846, 65.8587, 62.6709 by changing the saturation by 10% instead.

65.7846, 65.8587,
62.6709

65.7846, 65.8587,
62.6709

435.1069,
445.8714, 452.4492

48.3646, 48.1577,
45.1357

112.2366,
113.2835, 110.2756

34.3282, 33.9518,
31.2206

141.9993,
143.7761, 141.1821

23.3099, 22.8566,
20.5070

176.6069,
179.3014, 177.3829

14.9445, 14.4876,
12.5764

216.4249,
220.2437, 219.2965

8.8665, 8.4606,
7.0102

261.8185,
266.9874, 267.3414

4.7106, 4.3911,
3.3900

313.1532,

2.1115, 1.8946,

319.9171, 321.9361

1.2970

370.7942,
379.4169, 383.4992

■ 0.6954, 0.5451,
0.0594

■ 0.0000, 0.0000,
0.0000

■ 65.7846, 65.8587,
62.6709

■ 65.7846, 65.8587,
62.6709

■ 59.3999, 57.0484,
48.3360

■ 73.0292, 75.7316,
79.3162

■ 53.8371, 49.2563,
36.2048

■ 81.1593, 86.6923,
98.3639

■ 49.0630, 42.4476,
26.1682

■ 87.0890, 95.8959,
108.5274

■ 45.0402, 36.5821,
18.1061

■ 41.7279, 31.6170,
11.8863

■ 39.0813, 27.5057,
7.3600

■ 37.0495, 24.1971,
4.3551

■ 35.5731, 21.6339,
2.6617

■ 34.9714, 20.5407,
2.1216

Harmonies

Analogous

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



67.0634, 65.8587, 68.0803



65.7846, 65.8587, 62.6709



63.6687, 65.8587, 59.7699

Triad

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



65.7846, 65.8587, 62.6709



58.2759, 65.8587, 68.6993



63.8946, 65.8587, 84.9488

Complementary

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



65.7846, 65.8587, 62.6709



64.2415, 70.6058, 86.5869

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.



61.5368, 65.8587, 85.1406



65.7846, 65.8587, 62.6709



58.3329, 65.8587, 75.4642

Square

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



65.7846, 65.8587, 62.6709



59.3558, 65.8587, 63.0994



59.5135, 65.8587, 81.5766



65.9535, 65.8587, 81.0680

Rectangle

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



65.7846, 65.8587, 62.6709



62.0866, 65.8587, 59.5222



59.5135, 65.8587, 81.5766



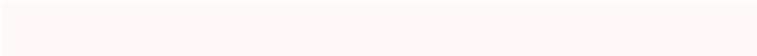
63.1096, 65.8587, 85.4549

Sweetspot

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



65.7864, 65.8616, 62.6723



91.1052, 94.6689, 99.6974



66.8604, 62.8996, 78.7836



19.3457, 20.0537, 20.9805



0.0000, 0.0000, 0.0000



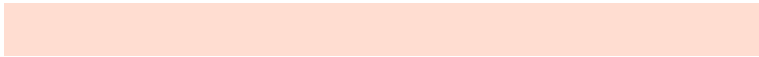
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7864, 65.8616, 62.6723



78.6851, 77.7165, 71.2402



69.9939, 74.2767, 64.0748



14.6859, 14.9856, 15.0229



19.5025, 11.5791, 1.2071



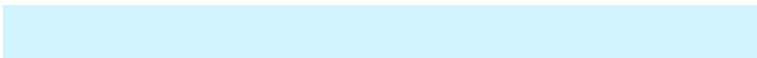
1.5157, 1.0048, 0.1141

Inverse Universe

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



64.2415, 70.6058, 86.5869



76.3768, 84.7979, 106.9499



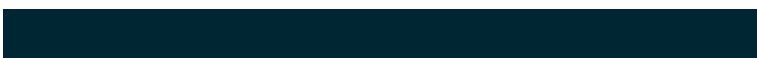
60.0469, 62.2166, 85.1887



14.4676, 15.6566, 18.4038



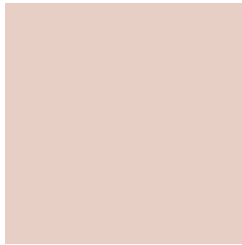
16.2331, 19.5282, 45.2969



1.2746, 1.5931, 3.3723

Previews

White Background



This preview shows how the XYZ color 65.7846, 65.8587, 62.6709 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 65.7846, 65.8587, 62.6709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

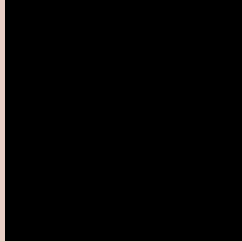
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7846, 65.8587, 62.6709

Background



This preview shows how black text looks on a background with the XYZ color 65.7846, 65.8587, 62.6709.

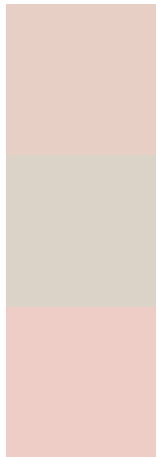


This preview shows how white text looks on a background with the XYZ color 65.7846, 65.8587,

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

65.7846, 65.8587, 62.6709

Protanopia

62.9330, 65.8187, 64.0309

Deuteranopia

67.2843, 65.9170, 62.6031



Tritanopia

68.7721, 66.0152, 76.8277

Trichromacy



Original Color

65.7846, 65.8587, 62.6709

Protanomaly

64.0959, 66.0640, 63.4062

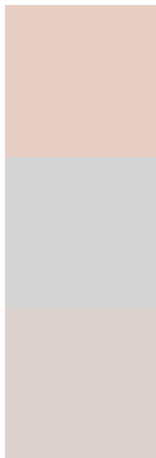
Deuteranomaly

66.8564, 66.0527, 62.6518

Tritanomaly

67.6467, 65.9085, 71.4436

Monochromacy



Original Color

65.7846, 65.8587, 62.6709

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1946, 66.3582, 69.0995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7846, 65.8587, 62.6709 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(232, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 198)  
}
```

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(232, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 198) }
```

Border

The CSS property to change the border of an element to XYZ 65.7846, 65.8587, 62.6709 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(232, 207, 198) }
```


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

```
.border{ border-color:rgb(232, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(232, 207,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7846, 65.8587, 62.6709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 207, 198) }
```

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

```
.background{ background-color: rgb(232,  
207, 198) }
```

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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