

Converting Colors

XYZ(65.8387, 68.3356, 68.8791)

Have a look what the booklet for
XYZ(65.8387, 68.3356, 68.8791)
contains.

XYZ(65.7405, 68.2861, 68.7471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.7405, 68.2861,
68.7471)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD6CF
RGB	223, 214, 207
RGB Percent	87%, 84%, 81%
CMY	0.1255, 0.1608, 0.1882
CMYK	0.00, 0.04, 0.07, 0.13
HSL	26°, 20%, 84%
HSV	26°, 7%, 87%
XYZ	65.7405, 68.2861, 68.7471
YIQ	215.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

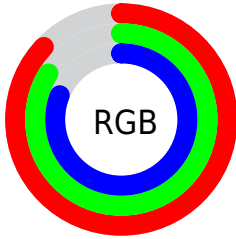
Format	Color
RYB	223, 219, 207
Decimal	14669519
CIELab	86.15, 1.88, 4.54
CIElCh	86, 4.917, 67.472
Yxy	68.2861, 0.3242, 0.3368
Android (android.graphics.Color)	4292859599 (0xFFDFD6CF)
YUV	215.8930, -4.3842, 6.2328
Hunter-Lab	82.6354, -2.6065, 8.5195

Details

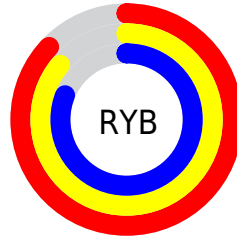
The XYZ color **65.7405, 68.2861, 68.7471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6072, 67.7038, 79.5286**, and the grayscale version is **65.2243, 68.6210, 74.7283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2964, 35.4210, 35.1663** is the 20% darker color. If you saturate the color by 10%, you get **60.1530, 61.1697, 54.3704**, and if you desaturate by 10%, it is **71.9613, 76.0510, 85.2363**.

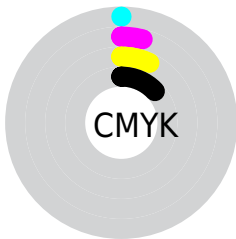
Distribution



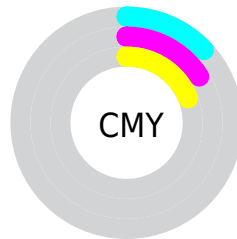
- Red (87%)
- Green (84%)
- Blue (81%)



- Red (87%)
- Yellow (86%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7405, 68.2861, 68.7471 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 65.7405, 68.2861, 68.7471 by changing the saturation by 10% instead.

■ 65.7405, 68.2861,
68.7471

■ 65.7405, 68.2861,
68.7471

434.9515,
454.5090, 474.8083

■ 48.3287, 50.1305,
50.0353

112.1736,
116.7613, 119.0846

■ 34.2996, 35.5171,
35.0701

141.9256,
147.8498, 151.5473

■ 23.2878, 24.0615,
23.4329

176.5217,
184.0180, 189.4308

■ 14.9280, 15.3792,
14.7052

216.3273,
225.6503, 233.1536

■ 8.8549, 9.0860,
8.4684

261.7077,
273.1312, 283.1342

■ 4.7030, 4.7973,
4.3041

313.0284,

■ 2.1070, 2.1288,

326.8450, 339.7911

1.7936

370.6545,
387.1762, 403.5430

■ 0.6930, 0.6808,
0.4237

■ 0.0000, 0.0000,
0.0000

■ 65.7405, 68.2861,
68.7471

■ 65.7405, 68.2861,
68.7471

■ 60.1530, 61.1697,
54.3704

■ 71.9613, 76.0510,
85.2363

■ 55.1714, 54.6756,
42.0153

■ 78.8299, 84.4722,
103.9149

■ 50.7749, 48.7886,
31.5911

■ 83.1731, 92.2907,
108.0379

■ 46.9390, 43.4895,
22.9980

■ 84.2418, 94.4282,
108.3942

■ 43.6374, 38.7579,
16.1273

■ 40.8412, 34.5722,
10.8588

■ 38.5184, 30.9088,
7.0563

■ 36.6321, 27.7417,
4.5606

■ 35.1356, 25.0405,
3.1624

Harmonies

Analogous

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



66.6449, 68.2861, 70.6275



65.7405, 68.2861, 68.7471



64.6215, 68.2861, 68.3471

Triad

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



65.7405, 68.2861, 68.7471



62.7718, 68.2861, 75.1647



66.2357, 68.2861, 79.4043

Complementary

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



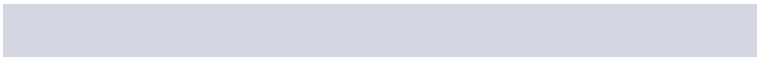
65.7405, 68.2861, 68.7471



63.6072, 67.7038, 79.5286

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.



65.1871, 68.2861, 80.6986



65.7405, 68.2861, 68.7471



63.1935, 68.2861, 78.2051

Square

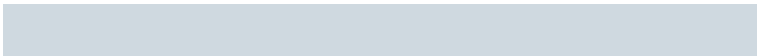
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7405, 68.2861, 68.7471



62.9161, 68.2861, 71.9916



64.0744, 68.2861, 80.2535



66.9331, 68.2861, 76.7633

Rectangle

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



65.7405, 68.2861, 68.7471



63.9060, 68.2861, 68.9628



64.0744, 68.2861, 80.2535



65.9121, 68.2861, 80.0148

Sweetspot

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



65.7424, 68.2891, 68.7486



93.3317, 97.8599, 104.3300



65.1485, 65.2759, 74.1777



19.9949, 20.9686, 22.3788



0.0000, 0.0000, 0.0000



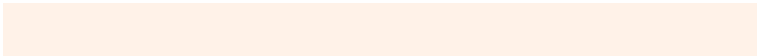
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7424, 68.2891, 68.7486



87.5934, 90.6506, 89.2618



67.7984, 72.4011, 69.4339



14.1984, 14.6828, 14.3925



20.5486, 14.5351, 1.7225



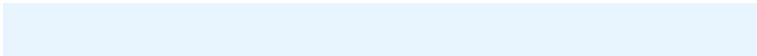
1.5123, 1.1834, 0.1487

Inverse Universe

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



63.6072, 67.7038, 79.5286



83.9833, 89.6610, 107.4876



61.6245, 63.7384, 78.8677



13.5882, 14.5155, 17.4733



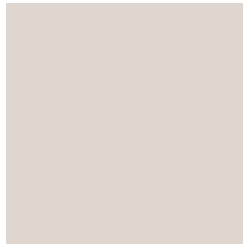
12.2866, 12.0427, 42.7253



0.9403, 1.0121, 2.9910

Previews

White Background



This preview shows how the XYZ color 65.7405, 68.2861, 68.7471 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 65.7405, 68.2861, 68.7471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

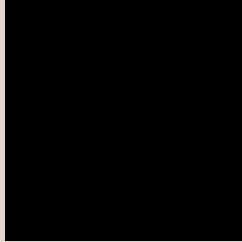
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

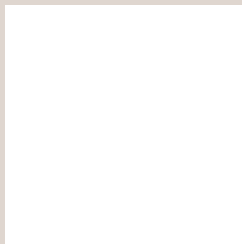
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7405, 68.2861, 68.7471

Background



This preview shows how black text looks on a background with the XYZ color 65.7405, 68.2861, 68.7471.

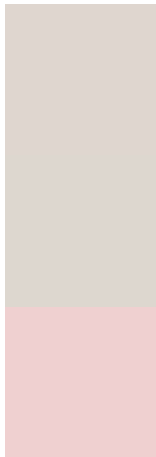


This preview shows how white text looks on a background with the XYZ color 65.7405, 68.2861,

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

65.7405, 68.2861, 68.7471

Protanopia

65.3817, 68.4780, 68.8031

Deuteranopia

69.5376, 68.0165, 69.1380



Tritanopia

68.5234, 68.3033, 82.2453

Trichromacy



Original Color

65.7405, 68.2861, 68.7471

Protanomaly

65.6871, 68.6355, 68.8174

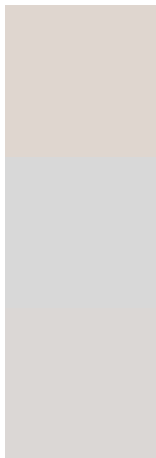
Deuteranomaly

68.0360, 67.9709, 69.2083

Tritanomaly

67.5131, 68.2618, 77.3277

Monochromacy



Original Color

65.7405, 68.2861, 68.7471

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5241, 68.4650, 72.7124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7405, 68.2861, 68.7471 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(223, 214, 207) looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 207)  
}
```

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(223, 214, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 207) }
```

Border

The CSS property to change the border of an element to XYZ 65.7405, 68.2861, 68.7471 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(223, 214, 207) }
```


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

```
.border{ border-color:rgb(223, 214, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 214, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 207);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7405, 68.2861, 68.7471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 207) }
```

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

```
.background{ background-color: rgb(223,  
214, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor