

Converting Colors

XYZ(66.1692, 68.0081, 74.1088)

Have a look what the booklet for
XYZ(66.1692, 68.0081, 74.1088)
contains.

XYZ(66.1842, 68.0244, 73.9317)	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(66.1842, 68.0244,
73.9317)**

Conversions

Conversions Part 1

Format	Color
Hex	DED5D7
RGB	222, 213, 215
RGB Percent	87%, 84%, 84%
CMY	0.1294, 0.1647, 0.1569
CMYK	0.00, 0.04, 0.03, 0.13
HSL	347°, 12%, 85%
HSV	347°, 4%, 87%
XYZ	66.1842, 68.0244, 73.9317
YIQ	215.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

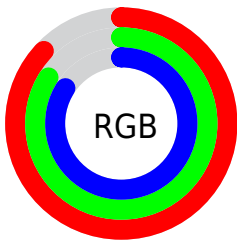
Format	Color
R _{YB}	222, 213, 215
Decimal	14603735
CIE Lab	86.02, 3.44, 0.11
CIE LCh	86, 3.441, 1.785
Yxy	68.0244, 0.3180, 0.3268
Android (android.graphics.Color)	4292793815 (0xFFDED5D7)
YUV	215.9190, -0.4531, 5.3330
Hunter-Lab	82.4769, -1.0959, 4.5867

Details

The XYZ color **66.1842, 68.0244, 73.9317** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4827, 71.5578, 78.0218**, and the grayscale version is **65.2175, 68.6139, 74.7205**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5084, 35.2073, 38.2346** is the 20% darker color. If you saturate the color by 10%, you get **58.8746, 56.7711, 61.1163**, and if you desaturate by 10%, it is **74.4965, 80.9060, 88.2393**.

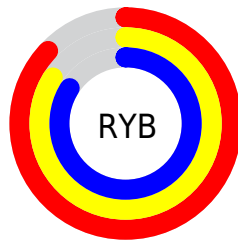
Distribution



Red (87%)

Green (84%)

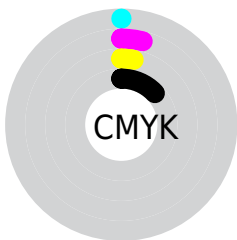
Blue (84%)



Red (87%)

Yellow (84%)

Blue (84%)

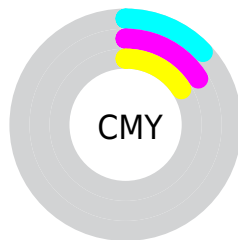


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1842, 68.0244, 73.9317 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 66.1842, 68.0244, 73.9317 by changing the saturation by 10% instead.

■ 66.1842, 68.0244,
73.9317

■ 66.1842, 68.0244,
73.9317

436.5136,
453.5825, 493.3947

■ 48.6902, 49.9176,
54.2417

112.8069,
116.3870, 126.5321

■ 34.5873, 35.3479,
38.4004

142.6664,
147.4117, 160.2796

■ 23.5102, 23.9310,
25.9894

177.3784,
183.5110, 199.5500

■ 15.0934, 15.2824,
16.5900

217.3082,
225.0695, 244.7619

■ 8.9717, 9.0179,
9.7838

262.8213,
272.4715, 296.3338

■ 4.7797, 4.7528,
5.1521

314.2830,

■ 2.1520, 2.1030,

326.1014, 354.6842

2.2765

372.0587,
386.3436, 420.2316

■ 0.7173, 0.6663,
0.7180

■ 0.0000, 0.0000,
0.0000

■ 66.1842, 68.0244,
73.9317

■ 66.1842, 68.0244,
73.9317

■ 58.8746, 56.7711,
61.1163

■ 74.4965, 80.9060,
88.2393

■ 52.5237, 47.0728,
49.7402

■ 83.0694, 93.9237,
103.8235

■ 47.0930, 38.8634,
39.7539

■ 83.9346, 94.2698,
108.3798

■ 42.5389, 32.0689,
31.1033

■ 38.8144, 26.6086,
23.7308

■ 35.8679, 22.3941,
17.5742

■ 33.6419, 19.3258,
12.5663

■ 32.0704, 17.2889,
8.6326

■ 31.0745, 16.1442,
5.6891

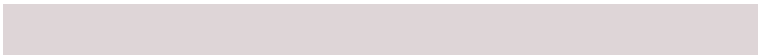
Harmonies

Analogous

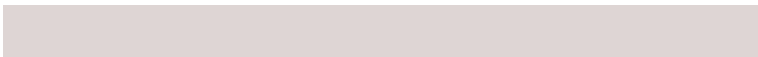
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0019, 68.0244, 76.1413



66.1842, 68.0244, 73.9317



65.9540, 68.0244, 71.8008

Triad

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



66.1842, 68.0244, 73.9317



63.8589, 68.0244, 70.4329



63.9402, 68.0244, 77.9640

Complementary

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



66.1842, 68.0244, 73.9317



66.4827, 71.5578, 78.0218

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.



63.3735, 68.0244, 76.3804



66.1842, 68.0244, 73.9317



63.3268, 68.0244, 72.0307

Square

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



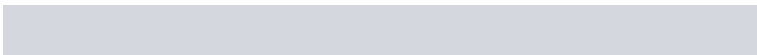
66.1842, 68.0244, 73.9317



64.6079, 68.0244, 69.8064



63.1498, 68.0244, 74.2025



64.7024, 68.0244, 78.4975

Rectangle

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



66.1842, 68.0244, 73.9317



65.5987, 68.0244, 70.7037



63.1498, 68.0244, 74.2025



63.7207, 68.0244, 77.5353

Sweetspot

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



66.1861, 68.0273, 73.9332



93.9240, 98.2566, 106.9568



66.4662, 68.0656, 78.7430



20.1155, 21.0493, 22.9137



0.0000, 0.0000, 0.0000



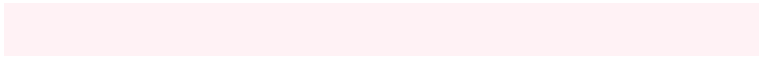
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1861, 68.0273, 73.9332



89.5601, 91.5106, 99.3925



66.5390, 69.1412, 72.7929



14.4588, 14.7174, 15.9781



18.2601, 9.3710, 2.7695



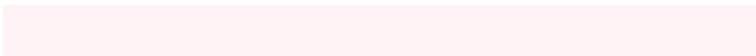
1.2992, 0.6630, 0.3686

Inverse Universe

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



66.1861, 68.0273, 73.9332



89.5601, 91.5106, 99.3925



66.1161, 70.3989, 79.2118



14.4588, 14.7174, 15.9781



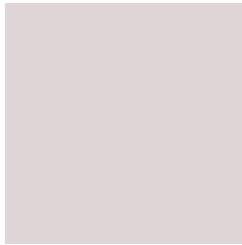
18.2601, 9.3710, 2.7695



1.2992, 0.6630, 0.3686

Previews

White Background



This preview shows how the XYZ color 66.1842, 68.0244, 73.9317 looks on a white background.

Color Contrast Check

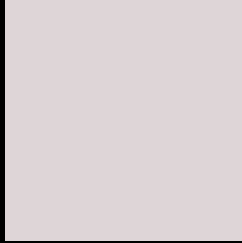
Large Text (above 18pt) WCAG AA × Fail

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 66.1842, 68.0244, 73.9317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

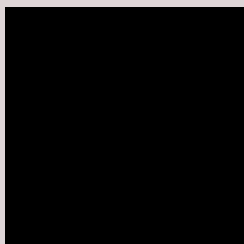
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

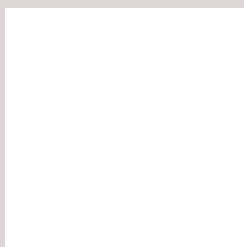
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1842, 68.0244, 73.9317

Background



This preview shows how black text looks on a background with the XYZ color 66.1842, 68.0244, 73.9317.

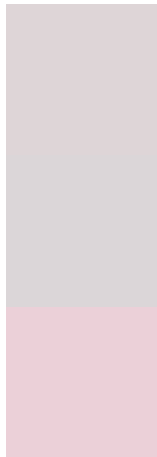


This preview shows how white text looks on a background with the XYZ color 66.1842, 68.0244,

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

66.1842, 68.0244, 73.9317

Protanopia

65.6547, 68.1111, 74.6521

Deuteranopia

69.2115, 67.7318, 74.3914



Tritanopia

68.0383, 68.0373, 82.9453

Trichromacy



Original Color

66.1842, 68.0244, 73.9317

Protanomaly

65.9564, 68.2666, 74.6662

Deuteranomaly

68.0744, 67.8740, 74.4788

Tritanomaly

67.2942, 68.1027, 79.4104

Monochromacy



Original Color

66.1842, 68.0244, 73.9317

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.6086, 68.4642, 74.7227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1842, 68.0244, 73.9317 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(222, 213, 215)` looks like.

```
.text, #text, p{  
    color:rgb(222, 213, 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(222, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 213, 215) }
```

Border

The CSS property to change the border of an element to XYZ 66.1842, 68.0244, 73.9317 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(222, 213, 215) }
```


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

```
.border{ border-color:rgb(222, 213, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 213, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(222, 213,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1842, 68.0244, 73.9317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 213, 215) }
```

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

```
.background{ background-color: rgb(222,  
213, 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](#).

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