

Converting Colors

XYZ(66.7157, 64.0658, 66.4932)

Have a look what the booklet for
XYZ(66.7157, 64.0658, 66.4932)
contains.

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Color

**XYZ(66.8311, 64.1856,
66.6243)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC9CD
RGB	237, 201, 205
RGB Percent	93%, 79%, 80%
CMY	0.0706, 0.2117, 0.1961
CMYK	0.00, 0.15, 0.14, 0.07
HSL	353°, 50%, 86%
HSV	353°, 15%, 93%
XYZ	66.8311, 64.1856, 66.6243
YIQ	212.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

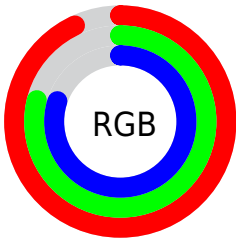
Format	Color
R _Y B	237, 201, 205
Decimal	15583693
CIE _{Lab}	84.06, 13.31, 2.73
CIE _{LCh}	84, 13.588, 11.581
Y _{xy}	64.1856, 0.3381, 0.3248
Android (android.graphics.Color)	4293773773 (0xFFEDC9CD)
Y _{UV}	212.2200, -3.5595, 21.7321
Hunter-Lab	80.1159, 8.6983, 6.7756

Details

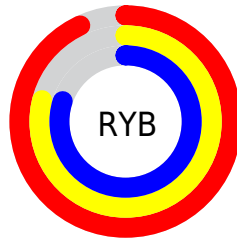
The XYZ color **66.8311, 64.1856, 66.6243** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0820, 78.8706, 88.6771**, and the grayscale version is **62.7406, 66.0080, 71.8827**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0757, 32.9256, 33.7847** is the 20% darker color. If you saturate the color by 10%, you get **59.3525, 53.0277, 52.4173**, and if you desaturate by 10%, it is **75.5082, 77.1910, 82.9220**.

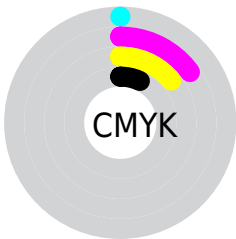
Distribution



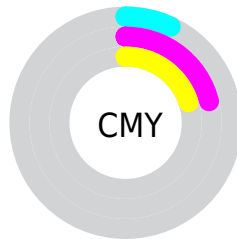
- Red (93%)
- Green (79%)
- Blue (80%)



- Red (93%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8311, 64.1856, 66.6243 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 66.8311, 64.1856, 66.6243 by changing the saturation by 10% instead.

66.8311, 64.1856,
66.6243

66.8311, 64.1856,
66.6243

438.7853,
439.8596, 467.0713

49.2176, 46.8010,
48.3197

113.7295,
110.8782, 116.0174

35.0073, 32.8784,
33.7183

143.7451,
140.9550, 147.9430

23.8351, 22.0333,
22.4017

178.6254,
176.0313, 185.2461

15.3354, 13.8814,
13.9512

218.7358,
216.4915, 228.3450

9.1430, 8.0382,
7.9484

264.4416,
262.7201, 277.6585

4.8924, 4.1194,
3.9746

316.1082,

2.2184, 1.7406,

315.1013, 333.6050

1.6114

374.1010,
374.0197, 396.6031

■ 0.7524, 0.4497,
0.2990

■ 0.0000, 0.0000,
0.0000

■ 66.8311, 64.1856,
66.6243

■ 66.8311, 64.1856,
66.6243

■ 59.3525, 53.0277,
52.4173

■ 75.5082, 77.1910,
82.9220

■ 53.0145, 43.6253,
40.2124

■ 85.4277, 92.1134,
101.3860

■ 47.7624, 35.8916,
29.9205

■ 88.7353, 96.7446,
108.6045

■ 43.5348, 29.7288,
21.4444

■ 40.2644, 25.0292,
14.6783

■ 37.8755, 21.6711,
9.5051

■ 36.2809, 19.5135,
5.7931

■ 35.3750, 18.3835,
3.3890

■ 35.1152, 18.0806,
2.6346

Harmonies

Analogous

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



66.6421, 64.1856, 75.2356



66.8311, 64.1856, 66.6243



65.4219, 64.1856, 59.4907

Triad

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



66.8311, 64.1856, 66.6243



57.2593, 64.1856, 58.2486



59.2028, 64.1856, 86.7542

Complementary

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



66.8311, 64.1856, 66.6243



69.0820, 78.8706, 88.6771

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.



56.7943, 64.1856, 81.4294



66.8311, 64.1856, 66.6243



55.6979, 64.1856, 64.7985

Square

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



66.8311, 64.1856, 66.6243



59.8563, 64.1856, 54.9264



55.5305, 64.1856, 73.2549



62.1713, 64.1856, 87.3443

Rectangle

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



66.8311, 64.1856, 66.6243



63.7919, 64.1856, 56.3469



55.5305, 64.1856, 73.2549



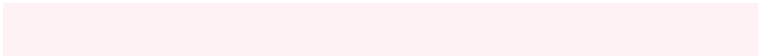
58.3034, 64.1856, 85.4395

Sweetspot

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



66.8329, 64.1885, 66.6257



89.3449, 91.4245, 98.2595



69.7136, 65.1807, 89.0281



18.9583, 19.3205, 20.7226



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.



66.8329, 64.1885, 66.6257



76.2276, 71.7750, 73.5854



69.7191, 70.7230, 65.2382



15.1334, 15.0812, 15.9880



19.1949, 9.8807, 1.5619



1.5298, 0.7849, 0.2416

Inverse Universe

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



66.8329, 64.1885, 66.6257



76.2276, 71.7750, 73.5854



65.8170, 71.4165, 90.4371



15.1334, 15.0812, 15.9880



19.1949, 9.8807, 1.5619



1.5298, 0.7849, 0.2416

Previews

White Background



This preview shows how the XYZ color 66.8311, 64.1856, 66.6243 looks on a white background.

Color Contrast Check

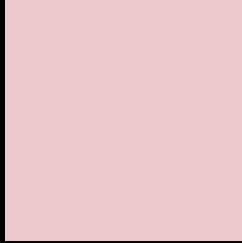
Large Text (above 18pt) WCAG AA × Fail

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 66.8311, 64.1856, 66.6243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

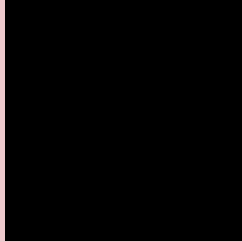
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8311, 64.1856, 66.6243

Background



This preview shows how black text looks on a background with the XYZ color 66.8311, 64.1856, 66.6243.



This preview shows how white text looks on a background with the XYZ color 66.8311, 64.1856,

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

66.8311, 64.1856, 66.6243

Protanopia

61.7497, 64.3505, 69.4879

Deuteranopia

65.6541, 64.2755, 66.7037



Tritanopia

67.9491, 63.9303, 73.0485

Trichromacy



Original Color

66.8311, 64.1856, 66.6243

Protanomaly

63.5807, 64.2263, 68.7204

Deuteranomaly

66.0717, 64.1413, 66.6558

Tritanomaly

67.6720, 64.1888, 70.4510

Monochromacy



Original Color

66.8311, 64.1856, 66.6243

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.8833, 65.0874, 69.5177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8311, 64.1856, 66.6243 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(237, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 205)  
}
```

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(237, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 205) }
```

Border

The CSS property to change the border of an element to XYZ 66.8311, 64.1856, 66.6243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

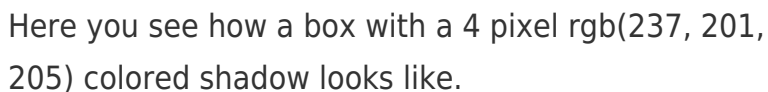
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 201, 205) }
```


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

```
.border{ border-color:rgb(237, 201, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 201, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 201, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 201, 205); box-shadow:4px 4px 4px 4px rgb(237, 201, 205) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8311, 64.1856, 66.6243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 205) }
```

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

```
.background{ background-color: rgb(237,  
201, 205) }
```

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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