

Converting Colors

XYZ(66.7564, 64.2774, 64.2632)

Have a look what the booklet for
XYZ(66.7564, 64.2774, 64.2632)
contains.

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Color

**XYZ(66.6892, 64.1675,
64.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC9C9
RGB	238, 201, 201
RGB Percent	93%, 79%, 79%
CMY	0.0667, 0.2117, 0.2118
CMYK	0.00, 0.16, 0.16, 0.07
HSL	0°, 52%, 86%
HSV	0°, 16%, 93%
XYZ	66.6892, 64.1675, 64.1290
YIQ	212.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

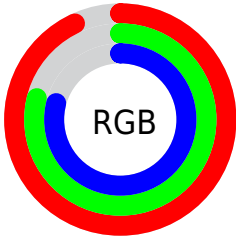
Format	Color
R _Y B	238, 201, 201
Decimal	15649225
CIE Lab	84.05, 13.04, 4.86
CIE LCh	84, 13.913, 20.439
Yxy	64.1675, 0.3420, 0.3291
Android (android.graphics.Color)	4293839305 (0xFFEEC9C9)
YUV	212.0630, -5.4541, 22.7467
Hunter-Lab	80.1046, 8.4229, 8.6077

Details

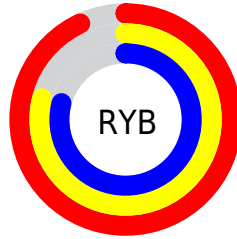
The XYZ color **66.6892, 64.1675, 64.1290** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0941, 79.7379, 92.5862**, and the grayscale version is **62.6475, 65.9101, 71.7761**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9916, 32.9191, 32.1135** is the 20% darker color. If you saturate the color by 10%, you get **58.9795, 52.8863, 48.7998**, and if you desaturate by 10%, it is **75.6957, 77.3467, 82.0321**.

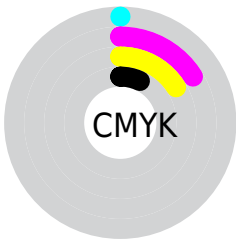
Distribution



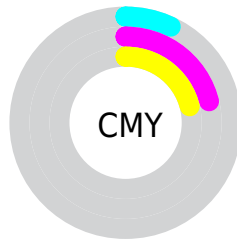
- Red (93%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6892, 64.1675, 64.1290 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 66.6892, 64.1675, 64.1290 by changing the saturation by 10% instead.

66.6892, 64.1675,
64.1290

66.6892, 64.1675,
64.1290

438.2876,
439.7943, 457.8756

49.1019, 46.7864,
46.3083

113.5272,
110.8521, 112.3979

34.9152, 32.8668,
32.1388

143.5086,
140.9244, 143.6833

23.7637, 22.0244,
21.2018

178.3520,
175.9958, 180.2939

15.2822, 13.8748,
13.0789

218.4229,
216.4508, 222.6484

9.1053, 8.0337,
7.3515

264.0865,
262.6738, 271.1653

4.8676, 4.1165,
3.6012


315.7083,


2.2037, 1.7389,


315.0491, 326.2631


1.4092


373.6535,
373.9611, 388.3603


 0.7447, 0.4487,
0.1489


 0.0000, 0.0000,
0.0000


 66.6892, 64.1675,
64.1290


 66.6892, 64.1675,
64.1290


 58.9795, 52.8863,
48.7998


 75.6957, 77.3467,
82.0321

 52.5018, 43.4078,
35.9224

 86.0493, 92.4966,
102.6154

 47.1941, 35.6410,
25.3710

 89.0702, 96.9173,
108.6202

 42.9865, 29.4841,
17.0068

■ 39.8020, 24.8240,
10.6765

■ 37.5533, 21.5334,
6.2069

■ 36.1390, 19.4636,
3.3960

■ 35.4338, 18.4314,
1.9947

■ 35.2605, 18.1779,
1.6503

Harmonies

Analogous

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



66.9970, 64.1675, 72.7132



66.6892, 64.1675, 64.1290



64.8265, 64.1675, 57.6285

Triad

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



66.6892, 64.1675, 64.1290



56.5509, 64.1675, 59.6444



60.0141, 64.1675, 87.8982

Complementary

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



66.6892, 64.1675, 64.1290



70.0941, 79.7379, 92.5862

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.



57.3066, 64.1675, 83.7272



66.6892, 64.1675, 64.1290



55.3519, 64.1675, 67.0970

Square

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



66.6892, 64.1675, 64.1290



58.9512, 64.1675, 55.1940



55.6238, 64.1675, 75.9385



63.0738, 64.1675, 86.9352

Rectangle

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



66.6892, 64.1675, 64.1290



62.9870, 64.1675, 55.1184



55.6238, 64.1675, 75.9385



59.0343, 64.1675, 87.0377

Sweetspot

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



66.6910, 64.1704, 64.1303



89.1316, 91.3399, 97.1340



71.5799, 66.1244, 89.8802



18.9067, 19.3000, 20.4504



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.



66.6910, 64.1704, 64.1303



74.6528, 70.1536, 68.3498



71.2655, 73.3194, 65.6552



15.7730, 15.7592, 16.3602



19.6717, 10.1415, 0.9207



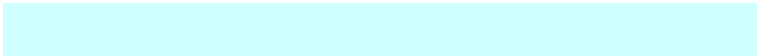
1.6366, 0.8438, 0.0766

Inverse Universe

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



70.0941, 79.7379, 92.5862



79.4148, 91.9371, 108.1678



64.9830, 69.5157, 90.8825



16.2473, 17.9287, 20.3259



25.6629, 37.5501, 51.0232



2.1350, 3.1239, 4.2447

Previews

White Background



This preview shows how the XYZ color 66.6892, 64.1675, 64.1290 looks on a white background.

Color Contrast Check

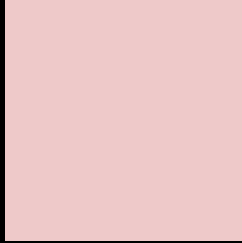
Large Text (above 18pt) WCAG AA × Fail

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 66.6892, 64.1675, 64.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

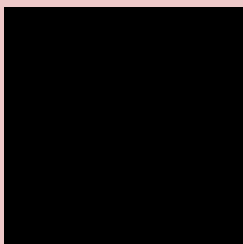
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6892, 64.1675, 64.1290

Background



This preview shows how black text looks on a background with the XYZ color 66.6892, 64.1675, 64.1290.

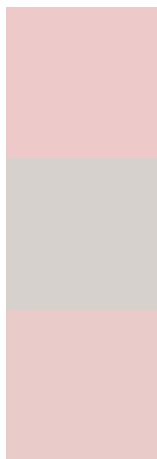


This preview shows how white text looks on a background with the XYZ color 66.6892, 64.1675,

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

66.6892, 64.1675, 64.1290

Protanopia

61.8442, 64.4558, 66.9393

Deuteranopia

65.5028, 64.2526, 64.2080



Tritanopia

68.4962, 64.2272, 72.4053

Trichromacy



Original Color

66.6892, 64.1675, 64.1290

Protanomaly

63.4018, 64.1902, 66.1751

Deuteranomaly

65.9241, 64.1203, 64.1602

Tritanomaly

67.7595, 64.2627, 69.1542

Monochromacy



Original Color

66.6892, 64.1675, 64.1290

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.7598, 65.0380, 68.8676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6892, 64.1675, 64.1290 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(238, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 201)  
}
```

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(238, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 201) }
```

Border

The CSS property to change the border of an element to XYZ 66.6892, 64.1675, 64.1290 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(238, 201, 201) }
```


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

```
.border{ border-color:rgb(238, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6892, 64.1675, 64.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 201) }
```

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

```
.background{ background-color: rgb(238,  
201, 201) }
```

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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