

Converting Colors

XYZ(64.1943, 66.6787, 59.6913)

Have a look what the booklet for
XYZ(64.1943, 66.6787, 59.6913)
contains.

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Color

**XYZ(64.2839, 66.6075,
59.9205)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D3C1
RGB	226, 211, 193
RGB Percent	89%, 83%, 76%
CMY	0.1137, 0.1725, 0.2431
CMYK	0.00, 0.07, 0.15, 0.11
HSL	33°, 36%, 82%
HSV	33°, 15%, 89%
XYZ	64.2839, 66.6075, 59.9205
YIQ	213.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

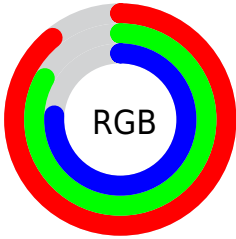
Format	Color
R _Y B	221, 226, 193
Decimal	14865345
CIE Lab	85.31, 2.23, 10.77
CIE LCh	85, 10.997, 78.293
Yxy	66.6075, 0.3369, 0.3491
Android (android.graphics.Color)	4293055425 (0xFFE2D3C1)
YUV	213.4330, -10.0735, 11.0213
Hunter-Lab	81.6134, -2.2256, 13.5987

Details

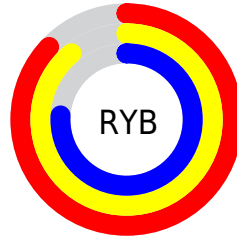
The XYZ color **64.2839, 66.6075, 59.9205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2754, 61.9389, 80.8360**, and the grayscale version is **63.5957, 66.9077, 72.8624**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **33.2947, 34.5241, 29.3351** is the 20% darker color. If you saturate the color by 10%, you get **59.4831, 60.7365, 46.8179**, and if you desaturate by 10%, it is **69.6367, 72.9645, 75.1094**.

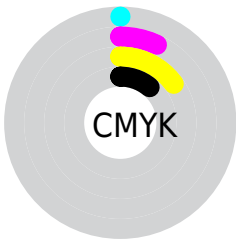
Distribution



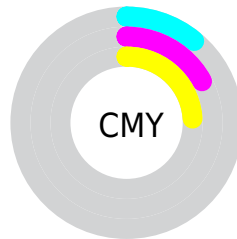
- Red (89%)
- Green (83%)
- Blue (76%)



- Red (87%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2839, 66.6075, 59.9205 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 64.2839, 66.6075, 59.9205 by changing the saturation by 10% instead.

■ 64.2839, 66.6075,
59.9205

■ 64.2839, 66.6075,
59.9205

429.8001,
448.5464, 442.1012

■ 47.1432, 48.7657,
42.9297

■ 110.0911,
114.3578, 106.2566

■ 33.3573, 34.4337,
29.4990

139.4884,
145.0351, 136.4389

■ 22.5608, 23.2270,
19.2098

173.7019,
180.7598, 171.8555

■ 14.3885, 14.7612,
11.6436

213.0969,
221.9161, 212.9249

■ 8.4749, 8.6519,
6.3819

258.0389,
268.8886, 260.0656

■ 4.4546, 4.5149,
3.0062

308.8932,

■ 1.9624, 1.9655,

322.0615, 313.6962

1.0978

366.0252,
381.8193, 374.2352

■ 0.6127, 0.5873,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2839, 66.6075,
59.9205

■ 64.2839, 66.6075,
59.9205

■ 59.4831, 60.7365,
46.8179

■ 69.6367, 72.9645,
75.1094

■ 55.2084, 55.3298,
35.7046

■ 75.5553, 79.8112,
92.4674

■ 51.4397, 50.3765,
26.4820

■ 81.1113, 86.7829,
107.0835

■ 48.1534, 45.8620,
19.0416

■ 84.2512, 93.0628,
108.1301

■ 45.3236, 41.7708,
13.2634

■ 85.1743, 94.9089,
108.4378

■ 42.9216, 38.0858,
9.0127

■ 40.9143, 34.7882,
6.1330

■ 39.2620, 31.8562,
4.4338

■ 38.4849, 30.4101,
3.8414

Harmonies

Analogous

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



66.5444, 66.6075, 62.7705



64.2839, 66.6075, 59.9205



61.8189, 66.6075, 60.2799

Triad

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



64.2839, 66.6075, 59.9205



58.8747, 66.6075, 76.9096



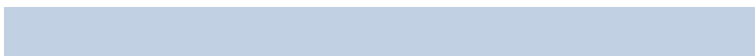
66.9469, 66.6075, 82.0253

Complementary

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



64.2839, 66.6075, 59.9205



58.2754, 61.9389, 80.8360

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.



64.8217, 66.6075, 86.3236



64.2839, 66.6075, 59.9205



60.1791, 66.6075, 83.2394

Square

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



64.2839, 66.6075, 59.9205



58.7393, 66.6075, 69.7802



62.3429, 66.6075, 86.7819



68.1086, 66.6075, 75.3393

Rectangle

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



64.2839, 66.6075, 59.9205



60.3904, 66.6075, 62.2954



62.3429, 66.6075, 86.7819



66.3190, 66.6075, 83.8156

Sweetspot

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



64.2857, 66.6105, 59.9219



91.9900, 96.4386, 99.9923



61.8692, 58.8834, 68.0384



19.5694, 20.5010, 21.0550



0.0000, 0.0000, 0.0000



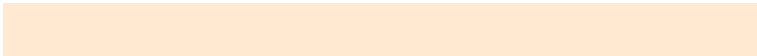
20.3446, 21.4041, 23.3091

Same Dimension

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



64.2857, 66.6105, 59.9219



82.2244, 84.7952, 72.4199



67.8428, 74.2350, 61.2061



14.3238, 14.9336, 14.4343



22.0757, 17.5893, 2.2316



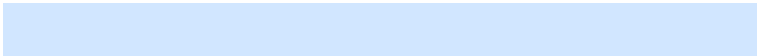
1.6193, 1.3975, 0.1844

Inverse Universe

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



58.2754, 61.9389, 80.8360



72.6578, 77.3599, 105.7102



55.0721, 55.1145, 79.6876



13.4625, 14.2641, 17.4314



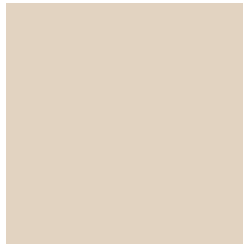
10.6968, 8.8632, 42.1953



0.8301, 0.7916, 2.9543

Previews

White Background



This preview shows how the XYZ color 64.2839, 66.6075, 59.9205 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 64.2839, 66.6075, 59.9205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

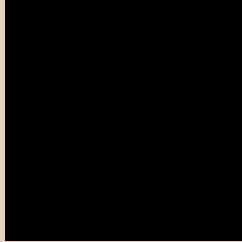
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2839, 66.6075, 59.9205

Background



This preview shows how black text looks on a background with the XYZ color 64.2839, 66.6075, 59.9205.

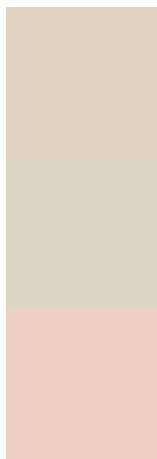


This preview shows how white text looks on a background with the XYZ color 64.2839, 66.6075,

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

64.2839, 66.6075, 59.9205

Protanopia

63.4053, 66.5116, 60.5351

Deuteranopia

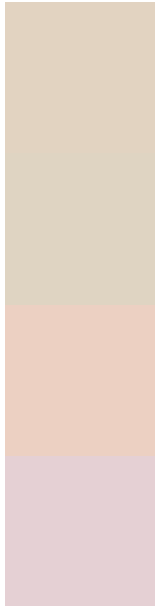
68.0845, 66.7384, 60.3323



Tritanopia

68.2652, 66.7764, 79.1032

Trichromacy



Original Color

64.2839, 66.6075, 59.9205

Protanomaly

63.7125, 66.6700, 60.5495

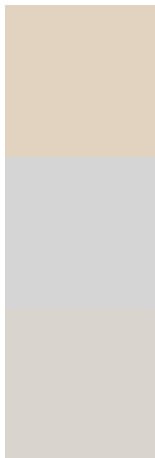
Deuteranomaly

66.8856, 66.8397, 60.4150

Tritanomaly

66.7526, 66.5232, 71.6094

Monochromacy



Original Color

64.2839, 66.6075, 59.9205

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5975, 66.4486, 67.8664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2839, 66.6075, 59.9205 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(226, 211, 193) looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 193)  
}
```

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(226, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 193) }
```

Border

The CSS property to change the border of an element to XYZ 64.2839, 66.6075, 59.9205 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(226, 211, 193) }
```


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

```
.border{ border-color:rgb(226, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2839, 66.6075, 59.9205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 193) }
```

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

```
.background{ background-color: rgb(226,  
211, 193) }
```

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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