

Converting Colors

XYZ(64.6377, 66.5069, 61.7806)

Have a look what the booklet for
XYZ(64.6377, 66.5069, 61.7806)
contains.

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Color

**XYZ(64.3744, 66.2475,
61.6187)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D2C4
RGB	226, 210, 196
RGB Percent	89%, 82%, 77%
CMY	0.1137, 0.1764, 0.2314
CMYK	0.00, 0.07, 0.13, 0.11
HSL	28°, 34%, 83%
HSV	28°, 13%, 89%
XYZ	64.3744, 66.2475, 61.6187
YIQ	213.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

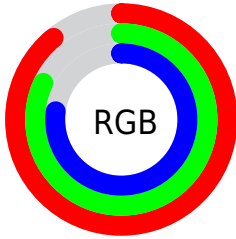
Format	Color
R _Y B	226, 222, 196
Decimal	14865092
CIE Lab	85.12, 3.23, 8.92
CIE LCh	85, 9.484, 70.119
Yxy	66.2475, 0.3349, 0.3446
Android (android.graphics.Color)	4293055172 (0xFFE2D2C4)
YUV	213.1880, -8.4737, 11.2361
Hunter-Lab	81.3926, -1.2591, 12.0890

Details

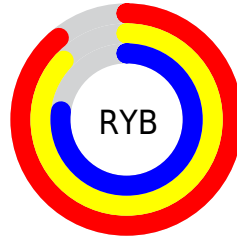
The XYZ color **64.3744, 66.2475, 61.6187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0355, 64.3122, 81.2013**, and the grayscale version is **63.4215, 66.7244, 72.6628**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **33.5655, 34.3879, 30.4596** is the 20% darker color. If you saturate the color by 10%, you get **59.1299, 59.5695, 48.1207**, and if you desaturate by 10%, it is **70.2341, 73.5345, 77.2350**.

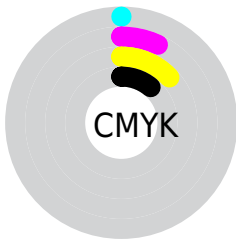
Distribution



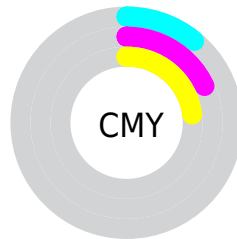
- Red (89%)
- Green (82%)
- Blue (77%)



- Red (89%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3744, 66.2475, 61.6187 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 64.3744, 66.2475, 61.6187 by changing the saturation by 10% instead.

64.3744, 66.2475,
61.6187

64.3744, 66.2475,
61.6187

430.1212,
447.2615, 448.5081

47.2168, 48.4733,
44.2909

110.2207,
113.8415, 108.7405

33.4157, 34.2019,
30.5604

139.6401,
144.4301, 139.3716

22.6059, 23.0487,
20.0087

173.8774,
180.0590, 175.2741

14.4219, 14.6295,
12.2172

213.2981,
221.1126, 216.8667

8.4983, 8.5598,
6.7674

258.2675,
267.9752, 264.5678

4.4699, 4.4552,
3.2409

309.1509,

1.9713, 1.9313,

321.0313, 318.7961

1.2189

366.3137,
380.6653, 379.9700

■ 0.6177, 0.5671,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3744, 66.2475,
61.6187

■ 64.3744, 66.2475,
61.6187

■ 59.1299, 59.5695,
48.1207

■ 70.2341, 73.5345,
77.2350

■ 54.4731, 53.4749,
36.6443

■ 76.7245, 81.4376,
95.0523

■ 50.3820, 47.9491,
27.0913

■ 82.4173, 89.3950,
107.5189

■ 46.8312, 42.9735,
19.3537

■ 85.1742, 94.9089,
108.4378

■ 43.7930, 38.5283,
13.3124

■ 41.2368, 34.5920,
8.8343

■ 39.1278, 31.1414,
5.7656

■ 37.4249, 28.1499,
3.9204

■ 36.4670, 26.3744,
3.1687

Harmonies

Analogous

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



66.1621, 66.2475, 64.8095



64.3744, 66.2475, 61.6187



62.2468, 66.2475, 61.1531

Triad

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



64.3744, 66.2475, 61.6187



59.0059, 66.2475, 74.2204



65.6522, 66.2475, 81.5138

Complementary

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



64.3744, 66.2475, 61.6187



60.0355, 64.3122, 81.2013

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.



63.6912, 66.2475, 84.3526



64.3744, 66.2475, 61.6187



59.8751, 66.2475, 79.9868

Square

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



64.3744, 66.2475, 61.6187



59.1794, 66.2475, 68.2028



61.5788, 66.2475, 83.7785



66.9113, 66.2475, 76.2099

Rectangle

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



64.3744, 66.2475, 61.6187



60.9261, 66.2475, 62.4215



61.5788, 66.2475, 83.7785



65.0515, 66.2475, 82.8013

Sweetspot

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



64.3762, 66.2504, 61.6201



91.7404, 95.9394, 99.9091



62.9883, 60.4029, 70.6272



19.5062, 20.3747, 21.0340



0.0000, 0.0000, 0.0000



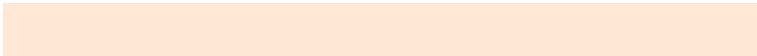
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3762, 66.2504, 61.6201



82.6118, 84.5426, 75.7166



68.2536, 74.0052, 62.9126



14.2321, 14.7501, 14.4037



20.9208, 15.2795, 1.8466



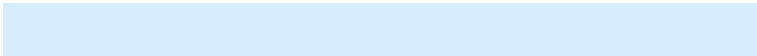
1.5391, 1.2371, 0.1577

Inverse Universe

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



60.0355, 64.3122, 81.2013



75.8221, 81.5106, 106.3446



56.4595, 57.1602, 80.0093



13.5541, 14.4474, 17.4619



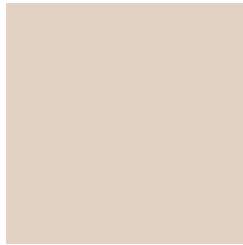
11.8177, 11.1049, 42.5690



0.9085, 0.9485, 2.9804

Previews

White Background



This preview shows how the XYZ color 64.3744, 66.2475, 61.6187 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 64.3744, 66.2475, 61.6187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

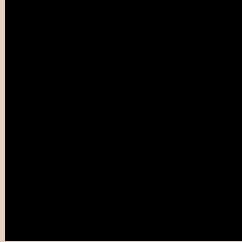
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3744, 66.2475, 61.6187

Background



This preview shows how black text looks on a background with the XYZ color 64.3744, 66.2475, 61.6187.



This preview shows how white text looks on a background with the XYZ color 64.3744, 66.2475,

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

64.3744, 66.2475, 61.6187

Protanopia

63.1367, 66.3338, 62.2994

Deuteranopia

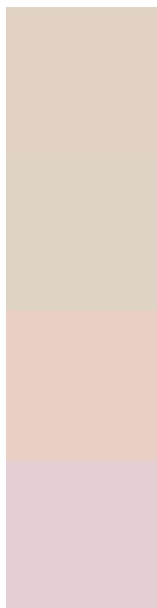
67.5060, 66.0446, 62.0133



Tritanopia

67.8893, 66.2395, 78.3146

Trichromacy



Original Color

64.3744, 66.2475, 61.6187

Protanomaly

63.4965, 66.1493, 62.2448

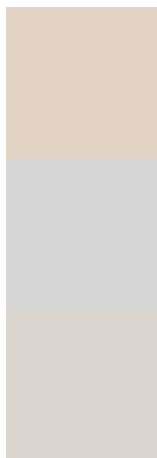
Deuteranomaly

66.3226, 66.1493, 62.0958

Tritanomaly

66.6362, 66.0878, 72.1949

Monochromacy



Original Color

64.3744, 66.2475, 61.6187

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7194, 66.4974, 68.5084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3744, 66.2475, 61.6187 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, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 196)  
}
```

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, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 196) }
```

Border

The CSS property to change the border of an element to XYZ 64.3744, 66.2475, 61.6187 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, 210, 196) }
```


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

```
.border{ border-color:rgb(226, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 210, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 210, 196); box-shadow:4px 4px 4px 4px rgb(226, 210, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3744, 66.2475, 61.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 196) }
```

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

```
.background{ background-color: rgb(226,  
210, 196) }
```

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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