

Converting Colors

XYZ(68.1125, 69.0748, 65.6660)

Have a look what the booklet for
XYZ(68.1125, 69.0748, 65.6660)
contains.

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Color

**XYZ(68.0592, 69.1764,
65.6424)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D5CA
RGB	233, 213, 202
RGB Percent	91%, 84%, 79%
CMY	0.0863, 0.1647, 0.2078
CMYK	0.00, 0.09, 0.13, 0.09
HSL	21°, 41%, 85%
HSV	21°, 13%, 91%
XYZ	68.0592, 69.1764, 65.6424
YIQ	217.7260, 15.4510, 0.8190

Conversions

Conversions Part 2

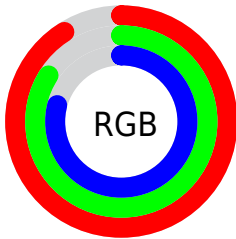
Format	Color
R _Y B	233, 219, 202
Decimal	15324618
CIE Lab	86.59, 5.12, 7.93
CIE LCh	87, 9.435, 57.154
Yxy	69.1764, 0.3355, 0.3410
Android (android.graphics.Color)	4293514698 (0xFFE9D5CA)
YUV	217.7260, -7.7529, 13.3953
Hunter-Lab	83.1724, 0.5134, 11.4270

Details

The XYZ color **68.0592, 69.1764, 65.6424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1861, 70.6809, 87.2986**, and the grayscale version is **66.4977, 69.9607, 76.1872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7036, 35.9389, 33.0721** is the 20% darker color. If you saturate the color by 10%, you get **61.8998, 60.9438, 50.9906**, and if you desaturate by 10%, it is **74.9893, 78.2824, 82.6078**.

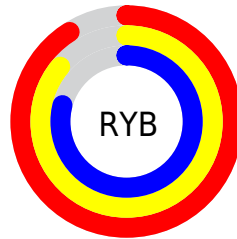
Distribution



Red (91%)

Green (84%)

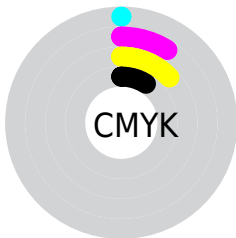
Blue (79%)



Red (91%)

Yellow (86%)

Blue (79%)

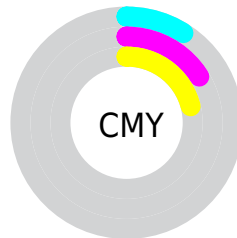


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0592, 69.1764, 65.6424 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 68.0592, 69.1764, 65.6424 by changing the saturation by 10% instead.

68.0592, 69.1764,
65.6424

68.0592, 69.1764,
65.6424

443.0792,
457.6529, 463.4661

50.2197, 50.8554,
47.5275

115.4783,
118.0335, 114.5950

35.8065, 36.0935,
33.0955

145.7886,
149.3384, 146.2699

24.4542, 24.5064,
21.9279

180.9866,
185.7400, 183.3018

15.7975, 15.7097,
13.6061

221.4376,
227.6227, 226.1093

9.4709, 9.3190,
7.7116

267.5071,
275.3710, 275.1109

5.1091, 4.9498,
3.8259

319.5602,

2.3469, 2.2178,

329.3692, 330.7253

1.5303

377.9625,
390.0017, 393.3708

■ 0.8185, 0.7297,
0.2404

■ 0.0000, 0.0000,
0.0000

■ 68.0592, 69.1764,
65.6424

■ 68.0592, 69.1764,
65.6424

■ 61.8998, 60.9438,
50.9906

■ 74.9893, 78.2824,
82.6078

■ 56.4774, 53.5492,
38.5467

■ 82.7111, 88.2779,
101.9772

■ 51.7639, 46.9676,
28.2036

■ 87.4146, 96.0638,
108.5427

■ 47.7273, 41.1699,
19.8430

■ 44.3327, 36.1245,
13.3352

■ 41.5416, 31.7978,
8.5345

■ 39.3108, 28.1530,
5.2730

■ 37.5896, 25.1489,
3.3478

■ 36.6757, 23.4660,
2.5964

Harmonies

Analogous

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



69.5663, 69.1764, 69.9534



68.0592, 69.1764, 65.6424



65.9593, 69.1764, 63.9134

Triad

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



68.0592, 69.1764, 65.6424



61.6357, 69.1764, 74.7245



67.6896, 69.1764, 86.5627

Complementary

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



68.0592, 69.1764, 65.6424



65.1861, 70.6809, 87.2986

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.



65.5414, 69.1764, 88.0119



68.0592, 69.1764, 65.6424



62.0761, 69.1764, 80.9571

Square

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



68.0592, 69.1764, 65.6424



62.2774, 69.1764, 68.9715



63.4938, 69.1764, 85.9078



69.3495, 69.1764, 82.0495

Rectangle

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



68.0592, 69.1764, 65.6424



64.5166, 69.1764, 64.3817



63.4938, 69.1764, 85.9078



66.9992, 69.1764, 87.4349

Sweetspot

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



68.0611, 69.1795, 65.6439



91.3878, 95.2342, 99.7916



67.9306, 64.8476, 78.1500



19.4171, 20.1964, 21.0043



0.0000, 0.0000, 0.0000



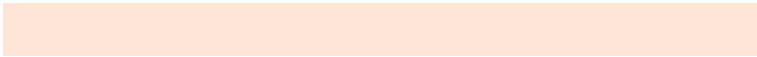
20.3446, 21.4041, 23.3091

Same Dimension

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



68.0611, 69.1795, 65.6439



81.3349, 81.9886, 75.2909



72.1055, 77.2683, 66.9920



15.5030, 15.9289, 15.7762



20.9164, 13.5270, 1.5085



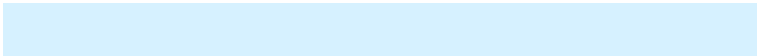
1.7303, 1.2379, 0.1477

Inverse Universe

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



65.1861, 70.6809, 87.2986



77.1525, 84.1712, 106.7880



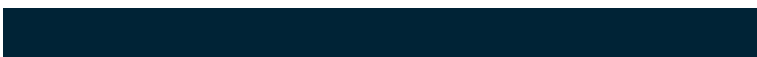
61.2941, 62.8970, 86.0013



15.0418, 16.1700, 19.2506



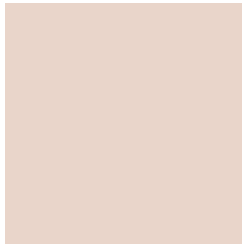
14.6815, 16.0100, 46.0594



1.2429, 1.4374, 3.6468

Previews

White Background



This preview shows how the XYZ color 68.0592, 69.1764, 65.6424 looks on a white background.

Color Contrast Check

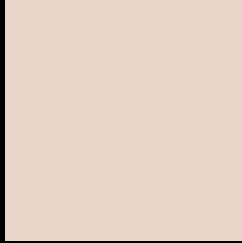
Large Text (above 18pt) WCAG AA × Fail

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 68.0592, 69.1764, 65.6424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

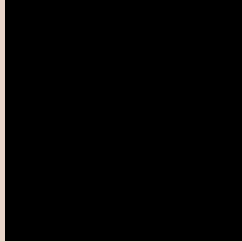
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0592, 69.1764, 65.6424

Background



This preview shows how black text looks on a background with the XYZ color 68.0592, 69.1764, 65.6424.



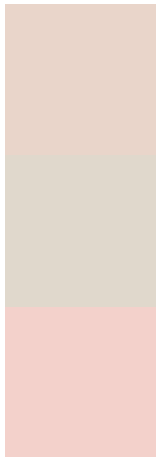
This preview shows how white text looks on a background with the XYZ color 68.0592, 69.1764,

65.6424.

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

68.0592, 69.1764, 65.6424

Protanopia

66.1954, 69.3187, 67.0177

Deuteranopia

70.5421, 68.9674, 66.0940



Tritanopia

71.1200, 68.9248, 81.5069

Trichromacy



Original Color

68.0592, 69.1764, 65.6424

Protanomaly

66.7585, 69.2436, 66.3467

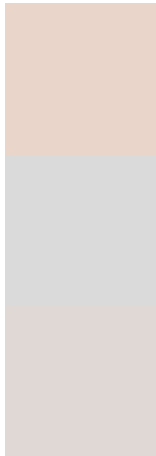
Deuteranomaly

69.4227, 68.7557, 66.1121

Tritanomaly

69.8319, 68.7651, 75.2381

Monochromacy



Original Color

68.0592, 69.1764, 65.6424

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8710, 69.5532, 72.1880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0592, 69.1764, 65.6424 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(233, 213, 202) looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 202)  
}
```

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(233, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 202) }
```

Border

The CSS property to change the border of an element to XYZ 68.0592, 69.1764, 65.6424 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(233, 213, 202) }
```


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

```
.border{ border-color:rgb(233, 213, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 213, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0592, 69.1764, 65.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 202) }
```

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

```
.background{ background-color: rgb(233,  
213, 202) }
```

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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