

Converting Colors

XYZ(65.7209, 68.9238, 50.0032)

Have a look what the booklet for
XYZ(65.7209, 68.9238, 50.0032)
contains.

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Color

**XYZ(65.8721, 69.1493,
49.9197)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EAD7AE |
| RGB | 234, 215, 174 |
| RGB Percent | 92%, 84%, 68% |
| CMY | 0.0824, 0.1568, 0.3176 |
| CMYK | 0.00, 0.08, 0.26, 0.08 |
| HSL | 41°, 59%, 80% |
| HSV | 41°, 26%, 92% |
| XYZ | 65.8721, 69.1493, 49.9197 |
| YIQ | 216.0070, 24.4850, -8.7230 |

Conversions

Conversions Part 2

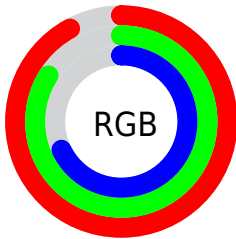
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 202, 234, 174 |
| Decimal | 15390638 |
| CIELab | 86.58, 0.33, 22.64 |
| CIELCh | 87, 22.643, 89.162 |
| Yxy | 69.1493, 0.3562, 0.3739 |
| Android (android.graphics.Color) | 4293580718 (0xFFEAD7AE) |
| YUV | 216.0070, -20.7095, 15.7799 |
| Hunter-Lab | 83.1561, -4.1243, 22.6167 |

Details

The XYZ color **65.8721, 69.1493, 49.9197** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3764, 53.0777, 85.3794**, and the grayscale version is **65.4015, 68.8075, 74.9313**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **34.3821, 35.9871, 23.2232** is the 20% darker color. If you saturate the color by 10%, you get **61.9434, 64.6298, 38.3189**, and if you desaturate by 10%, it is **70.2873, 74.0049, 63.6449**.

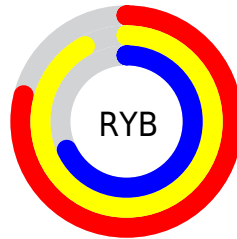
Distribution



Red (92%)

Green (84%)

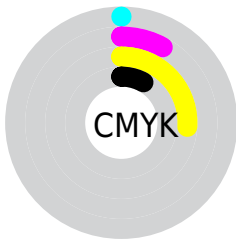
Blue (68%)



Red (79%)

Yellow (92%)

Blue (68%)

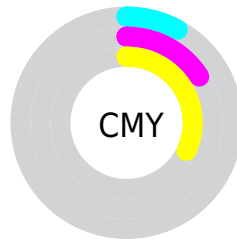


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (16%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8721, 69.1493, 49.9197 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 65.8721, 69.1493, 49.9197 by changing the saturation by 10% instead.


 65.8721, 69.1493,
49.9197

 65.8721, 69.1493,
49.9197


435.4152,
457.5574, 403.0779

 48.4359, 50.8333,
34.9789


 112.3615,
117.9948, 91.4510

 34.3849, 36.0760,
23.3632


142.1454,
149.2931, 118.8785

 23.3537, 24.4929,
14.6541

176.7759,
185.6876, 151.3053

 14.9771, 15.6996,
8.4331

216.6184,
227.5627, 189.1500

 8.8895, 9.3119,
4.2816

262.0382,
275.3029, 232.8310

 4.7257, 4.9452,
1.7810

313.4007,

 2.1203, 2.2151,

329.2925, 282.7670

0.4154

371.0713,
389.9158, 339.3765

■ 0.7002, 0.7282,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8721, 69.1493,
49.9197

■ 65.8721, 69.1493,
49.9197

■ 61.9434, 64.6298,
38.3189

■ 70.2873, 74.0049,
63.6449

■ 58.4740, 60.4266,
28.7293

■ 75.2038, 79.1970,
79.5912

■ 55.4422, 56.5315,
21.0335

■ 80.6424, 84.7381,
97.8545

■ 52.8219, 52.9322,
15.1004

■ 84.5248, 89.7985,
107.4856

■ 50.5839, 49.6151,
10.7817

■ 86.8067, 94.3622,
108.2463

■ 48.6943, 46.5647,
7.9048

■ 87.7418, 96.2325,
108.5580

■ 47.1115, 43.7624,
6.2569

■ 46.4888, 42.6064,
5.7736

Harmonies

Analogous

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



71.0376, 69.1493, 53.0910



65.8721, 69.1493, 49.9197



60.9257, 69.1493, 52.7567

Triad

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



65.8721, 69.1493, 49.9197



57.2951, 69.1493, 90.2810



74.7812, 69.1493, 91.1102

Complementary

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



65.8721, 69.1493, 49.9197



51.3764, 53.0777, 85.3794

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.



70.7686, 69.1493, 103.4738



65.8721, 69.1493, 49.9197



60.6829, 69.1493, 102.9519

Square

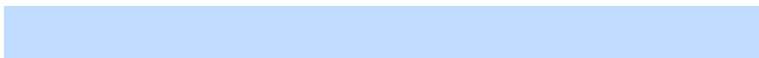
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8721, 69.1493, 49.9197



56.1359, 69.1493, 74.8698



65.5768, 69.1493, 108.0674



76.3468, 69.1493, 75.7155

Rectangle

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



65.8721, 69.1493, 49.9197



58.3770, 69.1493, 57.9202



65.5768, 69.1493, 108.0674



73.6637, 69.1493, 95.8300

Sweetspot

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



65.8739, 69.1524, 49.9211



89.9119, 94.7035, 91.8353



58.6940, 51.6156, 57.3222



19.0478, 20.0638, 19.0131



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.



65.8739, 69.1524, 49.9211



77.3612, 80.9719, 52.6001



67.4947, 77.5900, 51.4643



15.9265, 16.7760, 15.9174



26.2420, 24.1782, 3.2838



2.1464, 2.0701, 0.2864

Inverse Universe

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



51.3764, 53.0777, 85.3794



56.8242, 58.2063, 102.8477



49.9957, 46.5278, 84.1879



14.6204, 15.3272, 19.1101



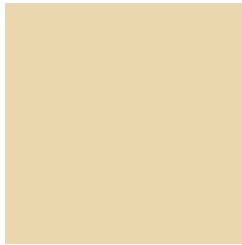
9.8245, 6.2960, 44.4404



0.8551, 0.6616, 3.5175

Previews

White Background



This preview shows how the XYZ color 65.8721, 69.1493, 49.9197 looks on a white background.

Color Contrast Check

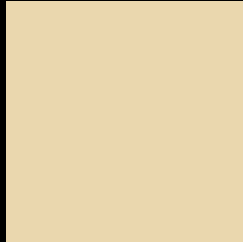
Large Text (above 18pt) WCAG AA × Fail

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 65.8721, 69.1493, 49.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

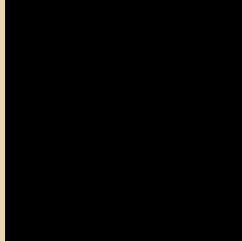
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8721, 69.1493, 49.9197

Background



This preview shows how black text looks on a background with the XYZ color 65.8721, 69.1493, 49.9197.



This preview shows how white text looks on a background with the XYZ color 65.8721, 69.1493,

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

65.8721, 69.1493, 49.9197

Protanopia

64.9269, 69.0299, 50.4595

Deuteranopia

70.4386, 68.9023, 50.1444



Tritanopia

71.9456, 69.0188, 80.0510

Trichromacy



Original Color

65.8721, 69.1493, 49.9197

Protanomaly

65.2487, 69.1958, 50.4746

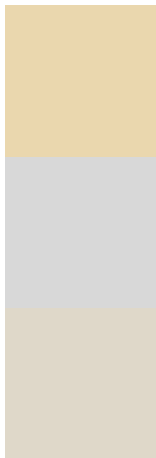
Deuteranomaly

68.6883, 69.0962, 50.2741

Tritanomaly

69.6947, 69.2219, 68.0804

Monochromacy



Original Color

65.8721, 69.1493, 49.9197

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5299, 69.0168, 65.1261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8721, 69.1493, 49.9197 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(234, 215, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 215, 174)  
}
```

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(234, 215, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 215, 174) }
```

Border

The CSS property to change the border of an element to XYZ 65.8721, 69.1493, 49.9197 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(234, 215, 174) }
```


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

```
.border{ border-color:rgb(234, 215, 174) }
```

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

Here you see how a box with a 4 pixel rgb(234, 215, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 215, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 215, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 215,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8721, 69.1493, 49.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 215, 174) }
```

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

```
.background{ background-color: rgb(234,  
215, 174) }
```

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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