

Converting Colors

XYZ(65.6116, 67.1537, 49.5483)

Have a look what the booklet for
XYZ(65.6116, 67.1537, 49.5483)
contains.

XYZ(65.6116, 67.1537, 49.5483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.6116, 67.1537,
49.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD2AE
RGB	237, 210, 174
RGB Percent	93%, 82%, 68%
CMY	0.0706, 0.1764, 0.3176
CMYK	0.00, 0.11, 0.27, 0.07
HSL	34°, 64%, 81%
HSV	34°, 27%, 93%
XYZ	65.6116, 67.1537, 49.5483
YIQ	213.9690, 27.6480, -5.4720

Conversions

Conversions Part 2

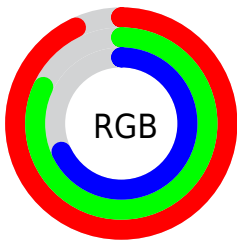
Format	Color
RYB	221, 237, 174
Decimal	15585966
CIELab	85.58, 4.04, 21.31
CIELCh	86, 21.686, 79.258
Yxy	67.1537, 0.3599, 0.3683
Android (android.graphics.Color)	4293776046 (0xFFEDD2AE)
YUV	213.9690, -19.7047, 20.1982
Hunter-Lab	81.9474, -0.4909, 21.5143

Details

The XYZ color **65.6116, 67.1537, 49.5483** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6278, 56.8848, 88.2743**, and the grayscale version is **64.0125, 67.3461, 73.3399**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **34.1620, 34.8607, 23.0174** is the 20% darker color. If you saturate the color by 10%, you get **61.0742, 61.4557, 37.6249**, and if you desaturate by 10%, it is **70.7193, 73.3391, 63.6745**.

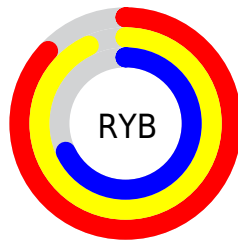
Distribution



Red (93%)

Green (82%)

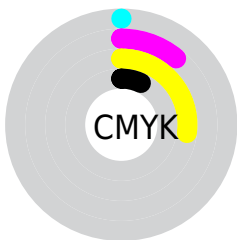
Blue (68%)



Red (87%)

Yellow (93%)

Blue (68%)

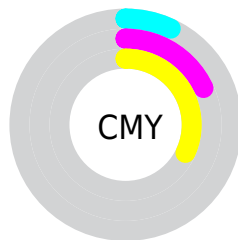


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6116, 67.1537, 49.5483 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 65.6116, 67.1537, 49.5483 by changing the saturation by 10% instead.


 65.6116, 67.1537,
49.5483

 65.6116, 67.1537,
49.5483


434.4971,
450.4917, 401.5812

 48.2237, 49.2095,
34.6860


 111.9895,
115.1406, 90.8947

 34.2161, 34.7857,
23.1395


141.7103,
145.9522, 118.2158

 23.2233, 23.4979,
14.4902


176.2727,
181.8217, 150.5269

 14.8801, 14.9616,
8.3198

216.0421,
223.1334, 188.2465

 8.8210, 8.7924,
4.2096

261.3839,
270.2719, 231.7932

 4.6808, 4.6060,
1.7410

312.6634,

 2.0940, 2.0180,

323.6216, 281.5855

0.3886

370.2460,
383.5667, 338.0420

■ 0.6860, 0.6179,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6116, 67.1537,
49.5483

■ 65.6116, 67.1537,
49.5483

■ 61.0742, 61.4557,
37.6249

■ 70.7193, 73.3391,
63.6745

■ 57.0775, 56.2216,
27.7864

■ 76.4149, 80.0164,
80.1049

■ 53.5970, 51.4390,
19.9100

■ 82.7213, 87.2016,
98.9395

■ 50.6035, 47.0914,
13.8582

■ 87.3559, 93.9861,
108.1447

■ 48.0645, 43.1606,
9.4754

■ 88.7351, 96.7446,
108.6045

■ 45.9424, 39.6262,
6.5796

■ 44.1904, 36.4642,
4.9418

■ 43.6517, 35.4577,
4.5433

Harmonies

Analogous

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



70.2195, 67.1537, 54.4102



65.6116, 67.1537, 49.5483



60.7504, 67.1537, 50.3581

Triad

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



65.6116, 67.1537, 49.5483



55.2864, 67.1537, 82.4483



71.2862, 67.1537, 92.3170

Complementary

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



65.6116, 67.1537, 49.5483



53.6278, 56.8848, 88.2743

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.



67.0070, 67.1537, 101.8745



65.6116, 67.1537, 49.5483



57.8358, 67.1537, 95.6890

Square

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



65.6116, 67.1537, 49.5483



54.9559, 67.1537, 68.1725



62.0762, 67.1537, 103.1823



73.6061, 67.1537, 78.2991

Rectangle

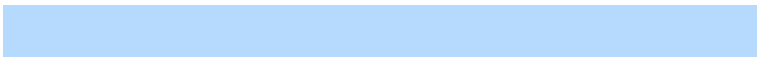
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6116, 67.1537, 49.5483



58.0121, 67.1537, 54.0398



62.0762, 67.1537, 103.1823



70.0192, 67.1537, 96.2309

Sweetspot

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



65.6134, 67.1568, 49.5497



89.2122, 93.3041, 91.6021



60.6396, 52.5086, 62.3834



18.8712, 19.7107, 18.9542



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.



65.6134, 67.1568, 49.5497



74.4240, 75.4975, 50.3883



71.4635, 80.9146, 51.8969



15.7801, 16.4833, 15.8686



23.9651, 19.6244, 2.5248



1.9770, 1.7313, 0.2300

Inverse Universe

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



53.6278, 56.8848, 88.2743



58.0171, 61.4398, 103.4090



48.8289, 45.8761, 86.4023



14.7619, 15.6103, 19.1573



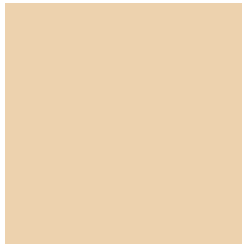
11.0401, 8.7273, 44.8456



0.9607, 0.8728, 3.5527

Previews

White Background



This preview shows how the XYZ color 65.6116, 67.1537, 49.5483 looks on a white background.

Color Contrast Check

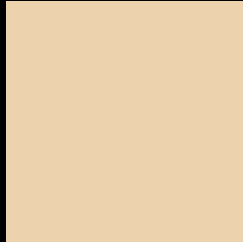
Large Text (above 18pt) WCAG AA × Fail

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 65.6116, 67.1537, 49.5483 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 65.6116, 67.1537, 49.5483

Background



This preview shows how black text looks on a background with the XYZ color 65.6116, 67.1537, 49.5483.



This preview shows how white text looks on a background with the XYZ color 65.6116, 67.1537,

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

65.6116, 67.1537, 49.5483

Protanopia

63.2471, 67.3965, 50.7496

Deuteranopia

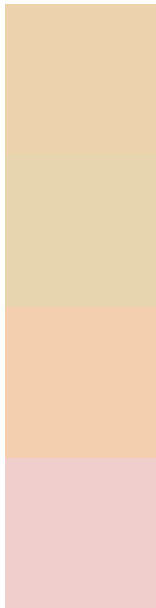
68.5206, 67.1942, 49.9158



Tritanopia

71.1291, 67.2303, 76.9380

Trichromacy



Original Color

65.6116, 67.1537, 49.5483

Protanomaly

64.1652, 67.5066, 50.2057

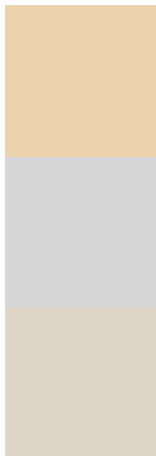
Deuteranomaly

67.3589, 66.9539, 49.9306

Tritanomaly

68.7860, 66.9797, 65.8029

Monochromacy



Original Color

65.6116, 67.1537, 49.5483

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2273, 67.2416, 63.6266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6116, 67.1537, 49.5483 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(237, 210, 174)` looks like.

```
.text, #text, p{  
    color:rgb(237, 210, 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(237, 210, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 210, 174) }
```

Border

The CSS property to change the border of an element to XYZ 65.6116, 67.1537, 49.5483 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(237, 210, 174) }
```


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

```
.border{ border-color:rgb(237, 210, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 210, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 210, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 210, 174);  
box-shadow:4px 4px 4px 4px rgb(237, 210,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6116, 67.1537, 49.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 210, 174) }
```

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

```
.background{ background-color: rgb(237,  
210, 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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