

Converting Colors

XYZ(62.4136, 69.2125, 36.5901)

Have a look what the booklet for
XYZ(62.4136, 69.2125, 36.5901)
contains.

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Color

**XYZ(62.3605, 69.1706,
36.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DB90
RGB	228, 219, 144
RGB Percent	89%, 86%, 56%
CMY	0.1059, 0.1412, 0.4353
CMYK	0.00, 0.04, 0.37, 0.11
HSL	54°, 61%, 73%
HSV	54°, 37%, 89%
XYZ	62.3605, 69.1706, 36.4501
YIQ	213.1410, 29.4390, -21.4170

Conversions

Conversions Part 2

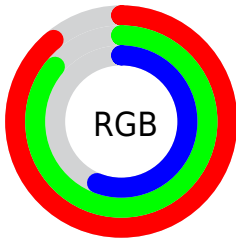
Format	Color
RYB	154, 228, 144
Decimal	14998416
CIELab	86.59, -7.72, 38.01
CIELCh	87, 38.783, 101.483
Yxy	69.1706, 0.3712, 0.4118
Android (android.graphics.Color)	4293188496 (0xFFE4DB90)
YUV	213.1410, -34.0865, 13.0313
Hunter-Lab	83.1689, -11.7052, 32.2334

Details

The XYZ color **62.3605, 69.1706, 36.4501** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8963, 34.3124, 78.0772**, and the grayscale version is **63.5489, 66.8583, 72.8087**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **32.0018, 35.9816, 15.3837** is the 20% darker color. If you saturate the color by 10%, you get **60.1593, 67.2809, 27.9701**, and if you desaturate by 10%, it is **64.9264, 71.2261, 46.7895**.

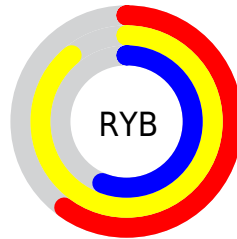
Distribution



Red (89%)

Green (86%)

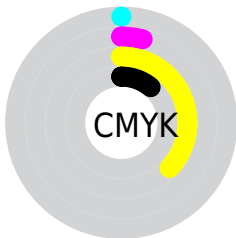
Blue (56%)



Red (60%)

Yellow (89%)

Blue (56%)

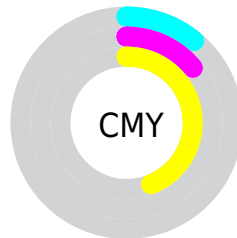


Cyan (0%)

Magenta (4%)

Yellow (37%)

Black (11%)



Cyan (11%)


Magenta (14%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3605, 69.1706, 36.4501 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 62.3605, 69.1706, 36.4501 by changing the saturation by 10% instead.


 62.3605, 69.1706,
36.4501


 62.3605, 69.1706,
36.4501


422.9415,
457.6324, 346.0203

 45.5808, 50.8507,
24.4896


 107.3334,
118.0252, 70.9031

 32.1183, 36.0898,
15.4816


 136.2572,
149.3287, 94.2326

 21.6079, 24.5035,
9.0077

169.9598,
185.7288, 122.1889

 13.6841, 15.7076,
4.6493

208.8065,
227.6099, 155.1904

 7.9815, 9.3175,
1.9879

253.1627,
275.3564, 193.6558

 4.1348, 4.9488,
0.5478

303.3937,

 1.7787, 2.2173,

329.3527, 238.0036

0.0000

359.8648,
389.9833, 288.6522

■ 0.5048, 0.7294,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3605, 69.1706,
36.4501

■ 62.3605, 69.1706,
36.4501

■ 60.1593, 67.2809,
27.9701

■ 64.9264, 71.2261,
46.7895

■ 58.2963, 65.5389,
21.2329

■ 67.8715, 73.4458,
59.0869

■ 56.7496, 63.9382,
16.1155

■ 71.2157, 75.8402,
73.4390

■ 55.4925, 62.4681,
12.4772

■ 74.9757, 78.4161,
89.9349

■ 54.4934, 61.1160,
10.1529

■ 78.6805, 80.9850,
106.0925

■ 53.7123, 59.8656,
8.9311

■ 79.3694, 82.3629,
106.3222

■ 53.4896, 59.4833,
8.6622

■ 80.0680, 83.7600,
106.5550

■ 80.7761, 85.1763,
106.7910

■ 81.4939, 86.6118,
107.0303

Harmonies

Analogous

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



71.3926, 69.1706, 37.4283



62.3605, 69.1706, 36.4501



54.9388, 69.1706, 43.9637

Triad

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



62.3605, 69.1706, 36.4501



53.6183, 69.1706, 113.1286



83.5495, 69.1706, 92.1694

Complementary

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



62.3605, 69.1706, 36.4501



36.8963, 34.3124, 78.0772

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.



77.8818, 69.1706, 118.8591



62.3605, 69.1706, 36.4501



60.4025, 69.1706, 132.7359

Square

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



62.3605, 69.1706, 36.4501



50.2077, 69.1706, 85.6148



69.2489, 69.1706, 135.0442



84.1956, 69.1706, 65.8763

Rectangle

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



62.3605, 69.1706, 36.4501



51.6860, 69.1706, 54.0527



69.2489, 69.1706, 135.0442



82.1459, 69.1706, 101.5290

Sweetspot

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



62.3622, 69.1738, 36.4515



89.9075, 96.4219, 86.5095



47.7849, 38.7678, 35.4499



19.1179, 20.5481, 17.9758



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.



62.3622, 69.1738, 36.4515



78.2291, 87.3298, 38.6404



55.4909, 69.2097, 36.8206



15.4629, 16.5396, 15.2819



30.9397, 34.4536, 5.0195



2.3243, 2.6220, 0.3836

Inverse Universe

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



36.8963, 34.3124, 78.0772



41.0336, 36.4227, 99.4753



41.9273, 34.8023, 77.9066



13.7064, 14.1343, 18.1501



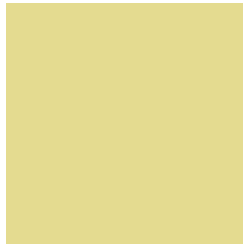
8.3210, 3.7041, 42.6596



0.6568, 0.3576, 3.1664

Previews

White Background



This preview shows how the XYZ color 62.3605, 69.1706, 36.4501 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 62.3605, 69.1706, 36.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

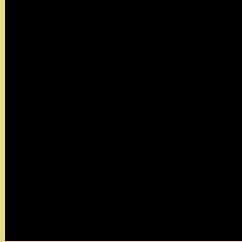
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3605, 69.1706, 36.4501

Background



This preview shows how black text looks on a background with the XYZ color 62.3605, 69.1706, 36.4501.



This preview shows how white text looks on a background with the XYZ color 62.3605, 69.1706,

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

62.3605, 69.1706, 36.4501

Protanopia

64.0317, 69.2710, 35.9824

Deuteranopia

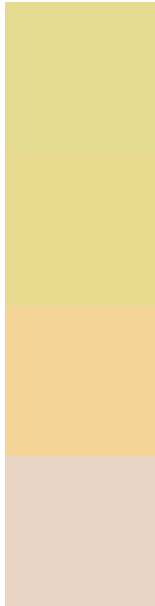
69.7966, 68.7721, 41.0481



Tritanopia

71.3161, 69.0417, 80.8018

Trichromacy



Original Color

62.3605, 69.1706, 36.4501

Protanomaly

63.3080, 69.2818, 36.0226

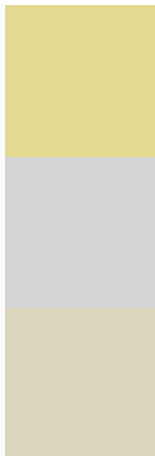
Deuteranomaly

66.8672, 68.7664, 39.4547

Tritanomaly

67.6897, 69.0664, 61.9881

Monochromacy



Original Color

62.3605, 69.1706, 36.4501

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2910, 67.1371, 57.2526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3605, 69.1706, 36.4501 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(228, 219, 144)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 144)  
}
```

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(228, 219, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 144) }
```

Border

The CSS property to change the border of an element to XYZ 62.3605, 69.1706, 36.4501 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(228, 219, 144) }
```


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

```
.border{ border-color:rgb(228, 219, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 219, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 144);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3605, 69.1706, 36.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 144) }
```

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

```
.background{ background-color: rgb(228,  
219, 144) }
```

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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