

Converting Colors

XYZ(62.0070, 66.4606, 47.0962)

Have a look what the booklet for
XYZ(62.0070, 66.4606, 47.0962)
contains.

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Color

**XYZ(62.0070, 66.4606,
47.0962)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E1D5A9 |
| RGB | 225, 213, 169 |
| RGB Percent | 88%, 84%, 66% |
| CMY | 0.1176, 0.1647, 0.3372 |
| CMYK | 0.00, 0.05, 0.25, 0.12 |
| HSL | 47°, 48%, 77% |
| HSV | 47°, 25%, 88% |
| XYZ | 62.0070, 66.4606, 47.0962 |
| YIQ | 211.5720, 21.2760, -11.1400 |

Conversions

Conversions Part 2

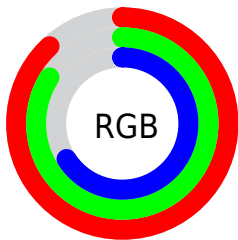
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 184, 225, 169 |
| Decimal | 14800297 |
| CIELab | 85.23, -2.69, 23.28 |
| CIElCh | 85, 23.438, 96.595 |
| Yxy | 66.4606, 0.3532, 0.3786 |
| Android (android.graphics.Color) | 4292990377 (0xFFE1D5A9) |
| YUV | 211.5720, -20.9880, 11.7764 |
| Hunter-Lab | 81.5234, -6.8981, 22.8144 |

Details

The XYZ color **62.0070, 66.4606, 47.0962** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4764, 46.9179, 77.8409**, and the grayscale version is **62.4216, 65.6724, 71.5172**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **31.7999, 34.1731, 21.7497** is the 20% darker color. If you saturate the color by 10%, you get **58.8802, 63.3012, 36.5143**, and if you desaturate by 10%, it is **65.5368, 69.8435, 59.6073**.

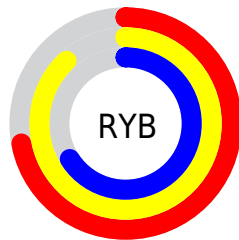
Distribution



Red (88%)

Green (84%)

Blue (66%)



Red (72%)

Yellow (88%)

Blue (66%)

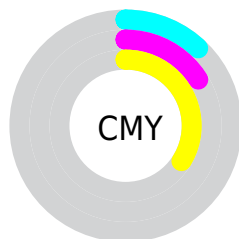


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0070, 66.4606, 47.0962 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 62.0070, 66.4606, 47.0962 by changing the saturation by 10% instead.

■ 62.0070, 66.4606,
47.0962

■ 62.0070, 66.4606,
47.0962

421.6738,
448.0223, 391.6033

■ 45.2940, 48.6464,
32.7568

■ 106.8255,
114.1472, 87.2087

■ 31.8913, 34.3391,
21.6706

135.6617,
144.7883, 113.8189

■ 21.4336, 23.1542,
13.4191

169.2697,
180.4739, 145.3564

■ 13.5556, 14.7074,
7.5837

208.0149,
221.5884, 182.2398

■ 7.8919, 8.6143,
3.7458

252.2625,
268.5160, 224.8877

■ 4.0771, 4.4905,
1.4869

302.3779,

■ 1.7458, 1.9515,

321.6413, 273.7185

0.2082

358.7266,
381.3486, 329.1509

■ 0.4847, 0.5791,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0070, 66.4606,
47.0962

■ 62.0070, 66.4606,
47.0962

■ 58.8802, 63.3012,
36.5143

■ 65.5368, 69.8435,
59.6073

■ 56.1323, 60.3482,
27.7593

■ 69.4821, 73.4483,
74.1345

■ 53.7445, 57.5959,
20.7257

■ 73.8610, 77.2853,
90.7645

■ 51.6941, 55.0347,
15.2957

■ 78.0379, 81.1005,
106.1487

■ 49.9555, 52.6539,
11.3363

■ 79.4154, 83.8556,
106.6078

■ 48.4992, 50.4411,
8.6934

■ 80.8304, 86.6856,
107.0795

■ 47.2890, 48.3813,
7.1782

■ 82.2833, 89.5913,
107.5638

■ 46.7353, 47.3753,
6.6811

■ 83.7742, 92.5731,
108.0608

■ 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



67.2992, 66.4606, 48.7723



62.0070, 66.4606, 47.0962



57.2928, 66.4606, 51.3914

Triad

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



62.0070, 66.4606, 47.0962



55.3436, 66.4606, 91.1718



72.9784, 66.4606, 84.5733

Complementary

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



62.0070, 66.4606, 47.0962



46.4764, 46.9179, 77.8409

Split Complementary

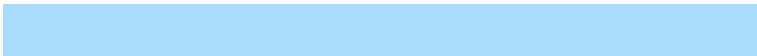
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4335, 66.4606, 98.3840



62.0070, 66.4606, 47.0962



59.2110, 66.4606, 102.5503

Square

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



62.0070, 66.4606, 47.0962



53.5870, 66.4606, 75.7641



64.3450, 66.4606, 105.3585



73.8297, 66.4606, 69.0677

Rectangle

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



62.0070, 66.4606, 47.0962



55.0466, 66.4606, 57.4716



64.3450, 66.4606, 105.3585



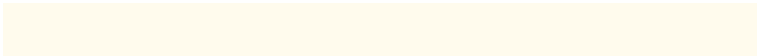
72.0530, 66.4606, 89.6302

Sweetspot

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



62.0087, 66.4636, 47.0976



91.1004, 96.4879, 94.0582



53.5941, 47.7260, 50.1760



19.4292, 20.5891, 19.8723



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.



62.0087, 66.4636, 47.0976



80.0798, 86.0017, 54.7625



60.4194, 70.2901, 47.9200



14.6096, 15.5051, 14.5296



27.0193, 27.4765, 3.8794



1.9357, 2.0302, 0.2899

Inverse Universe

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



46.4764, 46.9179, 77.8409



56.0146, 55.7234, 102.4111



47.7548, 44.1108, 77.2317



13.1888, 13.7168, 17.3402



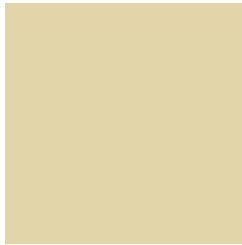
8.5147, 4.4990, 41.4680



0.6555, 0.4424, 2.8961

Previews

White Background



This preview shows how the XYZ color 62.0070, 66.4606, 47.0962 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 62.0070, 66.4606, 47.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

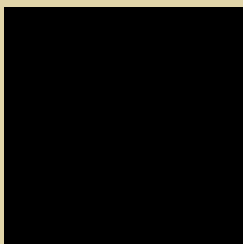
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

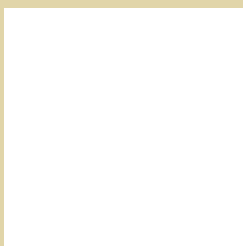
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0070, 66.4606, 47.0962

Background



This preview shows how black text looks on a background with the XYZ color 62.0070, 66.4606, 47.0962.

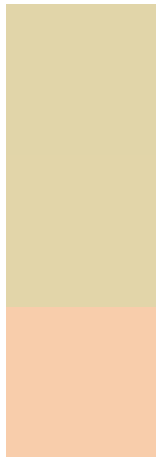


This preview shows how white text looks on a background with the XYZ color 62.0070, 66.4606,

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

62.0070, 66.4606, 47.0962

Protanopia

62.3197, 66.6218, 47.1108

Deuteranopia

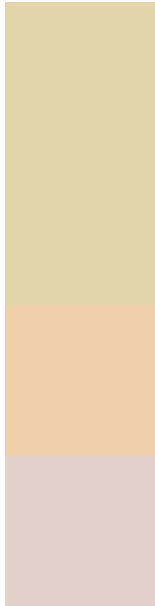
67.8934, 66.5594, 47.7970



Tritanopia

68.5348, 66.5723, 78.3448

Trichromacy



Original Color

62.0070, 66.4606, 47.0962

Protanomaly

62.3197, 66.6218, 47.1108

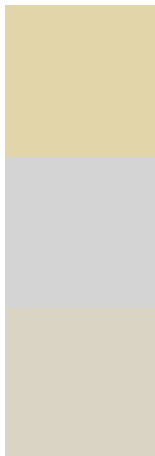
Deuteranomaly

65.7468, 66.5393, 47.4084

Tritanomaly

65.8931, 66.5707, 65.8764

Monochromacy



Original Color

62.0070, 66.4606, 47.0962

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.1226, 65.8242, 61.6557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0070, 66.4606, 47.0962 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(225, 213, 169)` looks like.

```
.text, #text, p{  
    color:rgb(225, 213, 169)  
}
```

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(225, 213, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 213, 169) }
```

Border

The CSS property to change the border of an element to XYZ 62.0070, 66.4606, 47.0962 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(225, 213, 169) }
```


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

```
.border{ border-color:rgb(225, 213, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 213, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 213, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 213, 169);  
box-shadow:4px 4px 4px 4px rgb(225, 213,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0070, 66.4606, 47.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 213, 169) }
```

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

```
.background{ background-color: rgb(225,  
213, 169) }
```

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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