

Converting Colors

XYZ(66.2371, 72.3150, 50.0360)

Have a look what the booklet for
XYZ(66.2371, 72.3150, 50.0360)
contains.

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Color

**XYZ(66.2436, 72.4505,
50.0281)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DFAD
RGB	229, 223, 173
RGB Percent	90%, 87%, 68%
CMY	0.1020, 0.1255, 0.3216
CMYK	0.00, 0.03, 0.24, 0.10
HSL	54°, 52%, 79%
HSV	54°, 24%, 90%
XYZ	66.2436, 72.4505, 50.0281
YIQ	219.0940, 19.6260, -14.2780

Conversions

Conversions Part 2

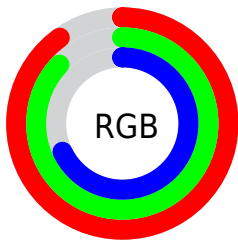
Format	Color
R _{YB}	180, 229, 173
Decimal	15065005
CIE Lab	88.18, -5.77, 25.30
CIE LCh	88, 25.949, 102.838
Yxy	72.4505, 0.3510, 0.3839
Android (android.graphics.Color)	4293255085 (0xFFE5DFAD)
YUV	219.0940, -22.7243, 8.6876
Hunter-Lab	85.1179, -10.0373, 24.7347

Details

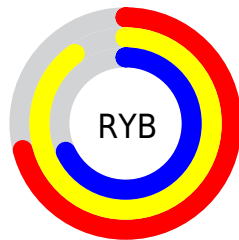
The XYZ color **66.2436, 72.4505, 50.0281** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.4963, 46.7804, 80.6552**, and the grayscale version is **67.5420, 71.0594, 77.3837**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **34.6264, 38.2456, 23.3264** is the 20% darker color. If you saturate the color by 10%, you get **63.5654, 70.3413, 39.1242**, and if you desaturate by 10%, it is **69.3149, 74.7371, 62.9385**.

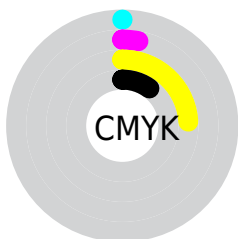
Distribution



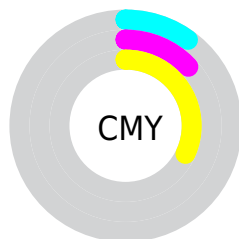
- Red (90%)
- Green (87%)
- Blue (68%)



- Red (71%)
- Yellow (90%)
- Blue (68%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2436, 72.4505, 50.0281 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 66.2436, 72.4505, 50.0281 by changing the saturation by 10% instead.

66.2436, 72.4505,
50.0281

66.2436, 72.4505,
50.0281

436.7225,
469.1081, 403.5140

48.7386, 53.5268,
35.0644

112.8917,
122.6968, 91.6132

34.6259, 38.2235,
23.4285

142.7655,
154.7882, 119.0718

23.5400, 26.1562,
14.7020

177.4930,
192.0375, 151.5323

15.1156, 16.9405,
8.4662

217.4394,
234.8293, 189.4134

8.9874, 10.1921,
4.3027

262.9703,
283.5478, 233.1335

4.7900, 5.5265,
1.7928

314.4508,

2.1581, 2.5594,

338.5775, 283.1113

0.4232

372.2464,
400.3028, 339.7653

■ 0.7205, 0.9063,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2436, 72.4505,
50.0281

■ 66.2436, 72.4505,
50.0281

■ 63.5654, 70.3413,
39.1242

■ 69.3149, 74.7371,
62.9385

■ 61.2553, 68.3919,
30.1202

■ 72.7916, 77.1987,
77.9456

■ 59.2940, 66.5971,
22.9066

■ 76.6927, 79.8453,
95.1395

■ 57.6582, 64.9474,
17.3610

■ 79.4488, 82.0493,
106.2574

■ 56.3217, 63.4324,
13.3455

■ 80.1469, 83.4454,
106.4901

■ 55.2540, 62.0399,
10.7000

■ 80.8547, 84.8610,
106.7260

■ 54.4182, 60.7548,
9.2295

■ 81.5722, 86.2959,
106.9652

■ 54.0218, 60.0753,
8.7484

■ 82.2994, 87.7504,
107.2076

■ 83.0364, 89.2245,
107.4533

Harmonies

Analogous

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



72.4448, 72.4505, 50.5226



66.2436, 72.4505, 50.0281



61.0604, 72.4505, 56.3792

Triad

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



66.2436, 72.4505, 50.0281



60.4744, 72.4505, 104.4888



80.9089, 72.4505, 89.4103

Complementary

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



66.2436, 72.4505, 50.0281



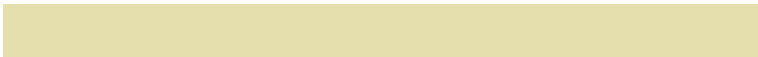
47.4963, 46.7804, 80.6552

Split Complementary

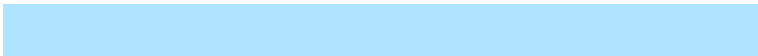
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3014, 72.4505, 106.7043



66.2436, 72.4505, 50.0281



65.3994, 72.4505, 116.2671

Square

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



66.2436, 72.4505, 50.0281



57.8667, 72.4505, 86.7288



71.5486, 72.4505, 117.1340



81.1688, 72.4505, 71.5314

Rectangle

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



66.2436, 72.4505, 50.0281



58.7780, 72.4505, 64.2861



71.5486, 72.4505, 117.1340



80.0381, 72.4505, 95.5449

Sweetspot

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



66.2455, 72.4537, 50.0296



91.7014, 97.6901, 94.2586



55.4481, 49.8223, 49.6264



19.5688, 20.8682, 19.9188



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.



66.2455, 72.4537, 50.0296



82.8720, 91.1710, 56.9729



61.4441, 72.3985, 50.2720



15.4629, 16.5397, 15.2820



30.9407, 34.4555, 5.0198



2.3244, 2.6221, 0.3836

Inverse Universe

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



47.4963, 46.7804, 80.6552



55.3081, 53.4305, 102.0058



51.4553, 47.0764, 80.5037



13.7064, 14.1342, 18.1501



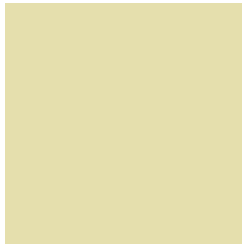
8.3209, 3.7039, 42.6595



0.6568, 0.3575, 3.1664

Previews

White Background



This preview shows how the XYZ color 66.2436, 72.4505, 50.0281 looks on a white background.

Color Contrast Check

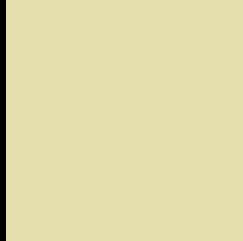
Large Text (above 18pt) WCAG AA × Fail

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 66.2436, 72.4505, 50.0281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

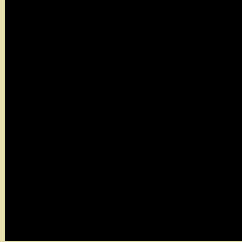
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

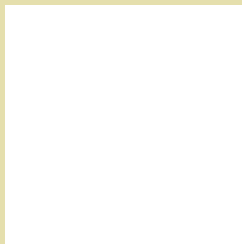
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2436, 72.4505, 50.0281

Background



This preview shows how black text looks on a background with the XYZ color 66.2436, 72.4505, 50.0281.



This preview shows how white text looks on a background with the XYZ color 66.2436, 72.4505,

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

66.2436, 72.4505, 50.0281

Protanopia

67.8949, 72.5243, 49.4499

Deuteranopia

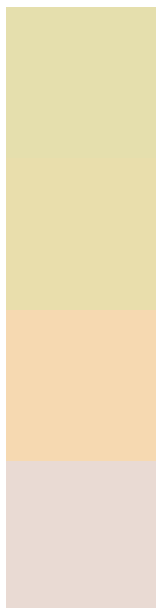
73.2725, 72.1438, 53.2433



Tritanopia

73.4580, 72.2599, 86.4198

Trichromacy



Original Color

66.2436, 72.4505, 50.0281

Protanomaly

67.1719, 72.5447, 49.4919

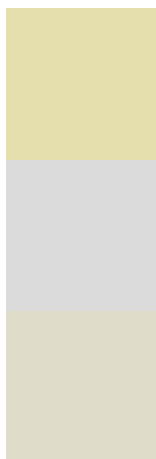
Deuteranomaly

70.7547, 72.3929, 51.8390

Tritanomaly

70.4335, 72.1696, 71.8459

Monochromacy



Original Color

66.2436, 72.4505, 50.0281

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6853, 71.1386, 66.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2436, 72.4505, 50.0281 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(229, 223, 173)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 173)  
}
```

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(229, 223, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 173) }
```

Border

The CSS property to change the border of an element to XYZ 66.2436, 72.4505, 50.0281 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(229, 223, 173) }
```


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

```
.border{ border-color:rgb(229, 223, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 173);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2436, 72.4505, 50.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 173) }
```

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

```
.background{ background-color: rgb(229,  
223, 173) }
```

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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