

Converting Colors

XYZ(65.7494, 72.1108, 52.2733)

Have a look what the booklet for
XYZ(65.7494, 72.1108, 52.2733)
contains.

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Color

**XYZ(65.6875, 72.1184,
52.0531)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2DFB1 |
| RGB | 226, 223, 177 |
| RGB Percent | 89%, 87%, 69% |
| CMY | 0.1137, 0.1255, 0.3059 |
| CMYK | 0.00, 0.01, 0.22, 0.11 |
| HSL | 56°, 46%, 79% |
| HSV | 56°, 22%, 89% |
| XYZ | 65.6875, 72.1184, 52.0531 |
| YIQ | 218.6530, 16.5540, -13.6700 |

Conversions

Conversions Part 2

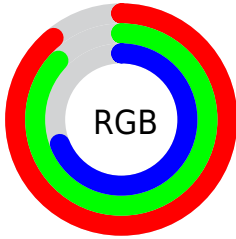
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 180, 226, 177 |
| Decimal | 14868401 |
| CIE Lab | 88.03, -6.32, 22.97 |
| CIE LCh | 88, 23.825, 105.389 |
| Yxy | 72.1184, 0.3460, 0.3799 |
| Android (android.graphics.Color) | 4293058481 (0xFFE2DFB1) |
| YUV | 218.6530, -20.5349, 6.4433 |
| Hunter-Lab | 84.9226, -10.5449, 23.1041 |

Details

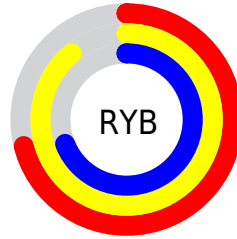
The XYZ color **65.6875, 72.1184, 52.0531** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.1800, 47.4795, 78.5770**, and the grayscale version is **67.2228, 70.7236, 77.0180**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **34.2183, 38.0065, 24.6013** is the 20% darker color. If you saturate the color by 10%, you get **63.2521, 70.5586, 41.0330**, and if you desaturate by 10%, it is **68.5028, 73.8399, 65.0420**.

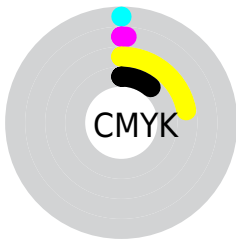
Distribution



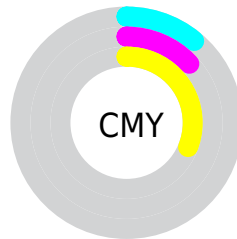
- Red (89%)
- Green (87%)
- Blue (69%)



- Red (71%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6875, 72.1184, 52.0531 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 65.6875, 72.1184, 52.0531 by changing the saturation by 10% instead.


 65.6875, 72.1184,
52.0531

 65.6875, 72.1184,
52.0531


434.7647,
467.9536, 411.6044

 48.2855, 53.2554,
36.6649


 112.0979,
122.2248, 94.6369

 34.2653, 38.0067,
24.6544


141.8371,
154.2371, 122.6696

 23.2613, 25.9879,
15.6031


176.4193,
191.4012, 155.7542

 14.9083, 16.8146,
9.0924

216.2101,
234.1016, 194.3092

 8.8410, 10.1024,
4.7039

261.5746,
282.7226, 238.7532

 4.6939, 5.4669,
2.0189

312.8783,

 2.1017, 2.5237,

337.6487, 289.5046

0.5669

370.4866,
399.2642, 346.9822

■ 0.6901, 0.8885,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6875, 72.1184,
52.0531

■ 65.6875, 72.1184,
52.0531

■ 63.2521, 70.5586,
41.0330

■ 68.5028, 73.8399,
65.0420

■ 61.1725, 69.1434,
31.8806

■ 71.7095, 75.7204,
80.0853

■ 59.4308, 67.8682,
24.4925

■ 75.3254, 77.7694,
97.2688

■ 58.0051, 66.7242,
18.7536

■ 77.3039, 79.1683,
105.8144

■ 56.8709, 65.7015,
14.5350

■ 77.6866, 79.9337,
105.9420

■ 56.0001, 64.7890,
11.6888

■ 78.0724, 80.7052,
106.0705

■ 55.3590, 63.9731,
10.0376

■ 78.4612, 81.4828,
106.2001

■ 54.9545, 63.3494,
9.3313

■ 78.8530, 82.2665,
106.3308

■ 79.2480, 83.0564,
106.4624

Harmonies

Analogous

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



71.3397, 72.1184, 51.9695



65.6875, 72.1184, 52.0531



61.0584, 72.1184, 58.5346

Triad

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



65.6875, 72.1184, 52.0531



61.1556, 72.1184, 102.9746



79.6724, 72.1184, 86.6859

Complementary

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



65.6875, 72.1184, 52.0531



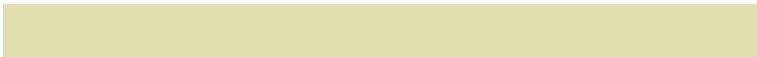
48.1800, 47.4795, 78.5770

Split Complementary

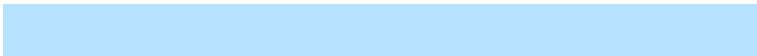
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6228, 72.1184, 102.6151



65.6875, 72.1184, 52.0531



65.8269, 72.1184, 112.8643

Square

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



65.6875, 72.1184, 52.0531



58.5421, 72.1184, 87.1250



71.4870, 72.1184, 112.7243



79.6300, 72.1184, 70.5098

Rectangle

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



65.6875, 72.1184, 52.0531



59.0847, 72.1184, 66.2003



71.4870, 72.1184, 112.7243



78.9679, 72.1184, 92.2909

Sweetspot

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



65.6894, 72.1216, 52.0546



91.9609, 98.2091, 94.3451



55.3523, 50.9201, 50.2347



19.6291, 20.9888, 19.9389



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.



65.6894, 72.1216, 52.0546



84.8736, 93.8828, 61.6214



60.2453, 70.5135, 52.0312



14.7963, 15.8785, 14.5918



31.3837, 36.2052, 5.3342



2.1974, 2.5537, 0.3771

Inverse Universe

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



48.1800, 47.4795, 78.5770



57.9772, 56.0310, 102.3671



52.8007, 48.9737, 78.6218



13.0190, 13.3770, 17.2835



7.9484, 3.3664, 41.2792



0.5750, 0.2814, 2.8693

Previews

White Background



This preview shows how the XYZ color 65.6875, 72.1184, 52.0531 looks on a white background.

Color Contrast Check

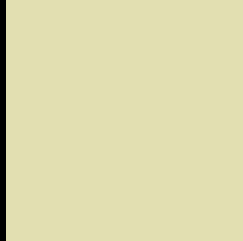
Large Text (above 18pt) WCAG AA × Fail

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 65.6875, 72.1184, 52.0531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

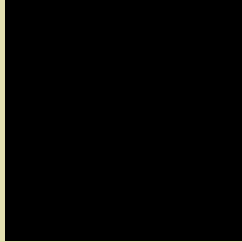
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

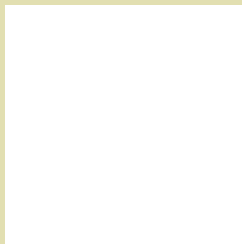
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6875, 72.1184, 52.0531

Background



This preview shows how black text looks on a background with the XYZ color 65.6875, 72.1184, 52.0531.



This preview shows how white text looks on a background with the XYZ color 65.6875, 72.1184,

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

65.6875, 72.1184, 52.0531

Protanopia

67.6906, 71.9832, 51.4008

Deuteranopia

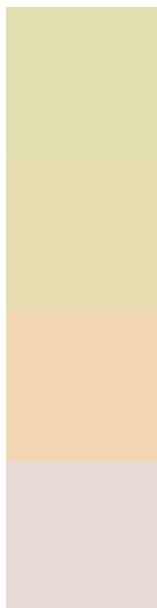
73.1240, 71.6832, 53.6982



Tritanopia

72.4702, 71.7507, 86.3736

Trichromacy



Original Color

65.6875, 72.1184, 52.0531

Protanomaly

66.9716, 72.0033, 51.4425

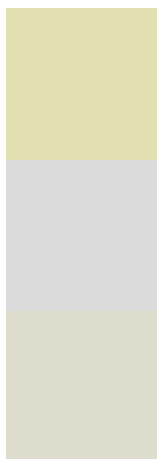
Deuteranomaly

70.1023, 71.6401, 53.3132

Tritanomaly

69.5882, 71.7193, 72.4629

Monochromacy



Original Color

65.6875, 72.1184, 52.0531

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6165, 71.0756, 67.3346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6875, 72.1184, 52.0531 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(226, 223, 177)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 177)  
}
```

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(226, 223, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 177) }
```

Border

The CSS property to change the border of an element to XYZ 65.6875, 72.1184, 52.0531 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(226, 223, 177) }
```


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

```
.border{ border-color:rgb(226, 223, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 223, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 223, 177); box-shadow:4px 4px 4px 4px rgb(226, 223, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6875, 72.1184, 52.0531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 177) }
```

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

```
.background{ background-color: rgb(226,  
223, 177) }
```

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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