

Converting Colors

XYZ(62.6723, 67.3902, 37.7223)

Have a look what the booklet for
XYZ(62.6723, 67.3902, 37.7223)
contains.

| | |
|--|----|
| XYZ(62.6706, 67.3871, 37.7209) | 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(62.6706, 67.3871,
37.7209)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8D694 |
| RGB | 232, 214, 148 |
| RGB Percent | 91%, 84%, 58% |
| CMY | 0.0902, 0.1608, 0.4196 |
| CMYK | 0.00, 0.08, 0.36, 0.09 |
| HSL | 47°, 65%, 75% |
| HSV | 47°, 36%, 91% |
| XYZ | 62.6706, 67.3871, 37.7209 |
| YIQ | 211.8580, 31.9140, -16.7100 |

Conversions

Conversions Part 2

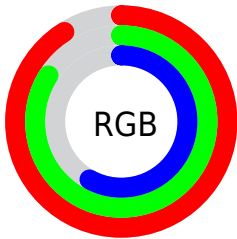
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 171, 232, 148 |
| Decimal | 15259284 |
| CIE _{Lab} | 85.70, -3.17, 34.88 |
| CIE _{LCh} | 86, 35.021, 95.191 |
| Yxy | 67.3871, 0.3735, 0.4016 |
| Android (android.graphics.Color) | 4293449364 (0xFFE8D694) |
| YUV | 211.8580, -31.4820, 17.6645 |
| Hunter-Lab | 82.0896, -7.3827, 30.2185 |

Details

The XYZ color **62.6706, 67.3871, 37.7209** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4141, 39.3933, 81.8176**, and the grayscale version is **62.6741, 65.9381, 71.8066**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **32.1887, 34.7548, 16.0781** is the 20% darker color. If you saturate the color by 10%, you get **59.7771, 64.2501, 28.5868**, and if you desaturate by 10%, it is **65.9739, 70.7543, 48.8089**.

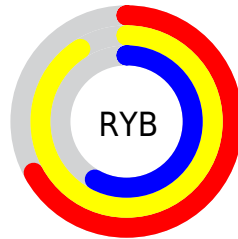
Distribution



Red (91%)

Green (84%)

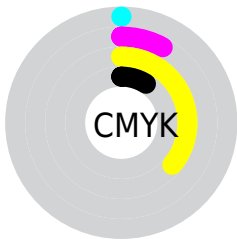
Blue (58%)



Red (67%)

Yellow (91%)

Blue (58%)

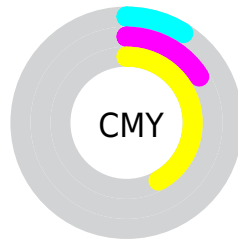


Cyan (0%)

Magenta (8%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6706, 67.3871, 37.7209 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 62.6706, 67.3871, 37.7209 by changing the saturation by 10% instead.

■ 62.6706, 67.3871,
37.7209

■ 62.6706, 67.3871,
37.7209

424.0517,
451.3214, 351.6834

■ 45.8324, 49.3993,
25.4660

■ 107.7786,
115.4749, 72.8788

■ 32.3177, 34.9363,
16.2024

■ 136.7792,
146.3437, 96.6189

■ 21.7610, 23.6138,
9.5116

170.5646,
182.2749, 125.0245

■ 13.7970, 15.0474,
4.9750

209.5002,
223.6530, 158.5141

■ 8.0604, 8.8527,
2.1741

253.9514,
270.8622, 197.5062

■ 4.1857, 4.6452,
0.6594

304.2834,

■ 1.8077, 2.0406,

324.2871, 242.4195

0.0000

360.8618,
384.3121, 293.6723

■ 0.5223, 0.6309,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6706, 67.3871,
37.7209

■ 62.6706, 67.3871,
37.7209

■ 59.7771, 64.2501,
28.5868

■ 65.9739, 70.7543,
48.8089

■ 57.2659, 61.3245,
21.2857


■ 69.7027, 74.3511,
61.9536


■ 55.1139, 58.6029,
15.6902


■ 73.8776, 78.1890,
77.2553

■ 53.2931, 56.0735,
11.6543


■ 78.5166, 82.2754,
94.8067


 51.7708, 53.7227,
9.0076


 82.1529, 86.0243,
106.8822


 50.5062, 51.5337,
7.5378

 83.6269, 88.9722,
107.3735

 50.0684, 50.7352,
7.1540

 85.1412, 92.0007,
107.8782

 86.6961, 95.1105,
108.3965

 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



70.7090, 67.3871, 40.2642



62.6706, 67.3871, 37.7209



55.6037, 67.3871, 42.9895

Triad

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



62.6706, 67.3871, 37.7209



52.3053, 67.3871, 101.7378



79.0186, 67.3871, 93.4095

Complementary

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



62.6706, 67.3871, 37.7209



40.4141, 39.3933, 81.8176

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.



73.3098, 67.3871, 115.4858



62.6706, 67.3871, 37.7209



57.8217, 67.3871, 120.9518

Square

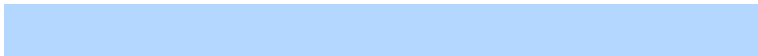
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6706, 67.3871, 37.7209



49.9455, 67.3871, 77.4229



65.4483, 67.3871, 126.4433



80.5861, 67.3871, 69.4670

Rectangle

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



62.6706, 67.3871, 37.7209



52.2541, 67.3871, 51.0290



65.4483, 67.3871, 126.4433



77.4983, 67.3871, 101.4399

Sweetspot

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



62.6723, 67.3902, 37.7223



88.9712, 94.5492, 86.1974



50.7704, 41.0969, 41.4301



18.8935, 20.0992, 17.9010



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.



62.6723, 67.3902, 37.7223



75.0970, 80.7534, 38.5587



60.2710, 73.2904, 38.9877



15.3258, 16.2656, 15.2363



27.8914, 28.3570, 4.0034



2.1266, 2.2264, 0.3177

Inverse Universe

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



40.4141, 39.3933, 81.8176



43.9469, 41.5877, 100.3187



42.1255, 35.7549, 81.0251



13.8318, 14.3851, 18.1919



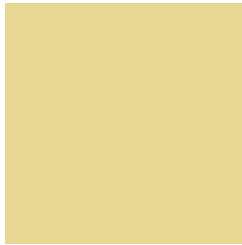
8.7869, 4.6360, 42.8149



0.7164, 0.4766, 3.1862

Previews

White Background



This preview shows how the XYZ color 62.6706, 67.3871, 37.7209 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 62.6706, 67.3871, 37.7209 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 62.6706, 67.3871, 37.7209

Background



This preview shows how black text looks on a background with the XYZ color 62.6706, 67.3871, 37.7209.

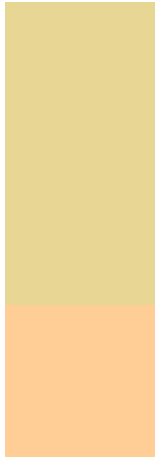


This preview shows how white text looks on a background with the XYZ color 62.6706, 67.3871,

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

62.6706, 67.3871, 37.7209

Protanopia

62.6706, 67.3871, 37.7209

Deuteranopia

68.5763, 67.1247, 38.1962



Tritanopia

70.8176, 67.4084, 77.6852

Trichromacy



Original Color

62.6706, 67.3871, 37.7209

Protanomaly

62.6706, 67.3871, 37.7209

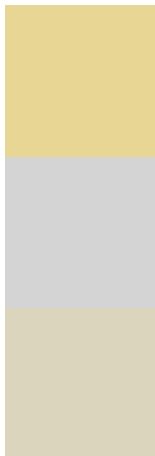
Deuteranomaly

66.3385, 67.0558, 37.8804

Tritanomaly

67.2185, 67.0113, 60.4306

Monochromacy



Original Color

62.6706, 67.3871, 37.7209

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.1930, 66.3227, 57.6678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6706, 67.3871, 37.7209 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(232, 214, 148)` looks like.

```
.text, #text, p{  
    color:rgb(232, 214, 148)  
}
```

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(232, 214, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 148) }
```

Border

The CSS property to change the border of an element to XYZ 62.6706, 67.3871, 37.7209 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(232, 214, 148) }
```


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

```
.border{ border-color:rgb(232, 214, 148) }
```

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

Here you see how a box with a 4 pixel rgb(232, 214, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 148);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6706, 67.3871, 37.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 148) }
```

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

```
.background{ background-color: rgb(232,  
214, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor