

Converting Colors

XYZ(60.4359, 64.7274, 41.5319)

Have a look what the booklet for
XYZ(60.4359, 64.7274, 41.5319)
contains.

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Color

**XYZ(60.2695, 64.5694,
41.6343)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D29E
RGB	225, 210, 158
RGB Percent	88%, 82%, 62%
CMY	0.1176, 0.1764, 0.3804
CMYK	0.00, 0.07, 0.30, 0.12
HSL	47°, 53%, 75%
HSV	47°, 30%, 88%
XYZ	60.2695, 64.5694, 41.6343
YIQ	208.5570, 25.6320, -12.9920

Conversions

Conversions Part 2

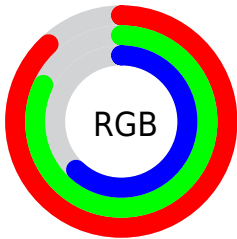
Format	Color
RYB	177, 225, 158
Decimal	14799518
CIELab	84.26, -2.60, 27.70
CIELCh	84, 27.822, 95.366
Yxy	64.5694, 0.3620, 0.3879
Android (android.graphics.Color)	4292989598 (0xFFE1D29E)
YUV	208.5570, -24.9246, 14.4205
Hunter-Lab	80.3551, -6.7393, 25.5287

Details

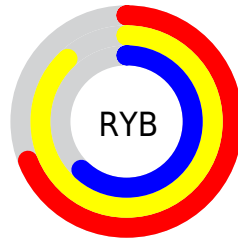
The XYZ color **60.2695, 64.5694, 41.6343** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.6344, 42.5912, 77.2082**, and the grayscale version is **60.4626, 63.6114, 69.2728**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **30.8522, 33.2526, 18.4280** is the 20% darker color. If you saturate the color by 10%, you get **57.2842, 61.4194, 31.9433**, and if you desaturate by 10%, it is **63.6518, 67.9453, 53.2085**.

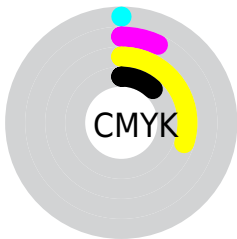
Distribution



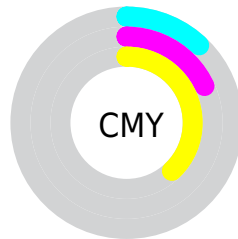
- Red (88%)
- Green (82%)
- Blue (62%)



- Red (69%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2695, 64.5694, 41.6343 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 60.2695, 64.5694, 41.6343 by changing the saturation by 10% instead.

■ 60.2695, 64.5694,
41.6343

■ 60.2695, 64.5694,
41.6343

415.4093,
441.2430, 368.7196

■ 43.8862, 47.1120,
28.4916

■ 104.3246,
111.4306, 78.9100

■ 30.7786, 33.1242,
18.4543

■ 132.7272,
141.6031, 103.8800

■ 20.5813, 22.2216,
11.1038

165.8668,
176.7828, 133.6296

■ 12.9290, 14.0198,
6.0217

204.1089,
217.3542, 168.5773

■ 7.4563, 8.1345,
2.7893

247.8189,
263.7014, 209.1416

■ 3.7979, 4.1811,
0.9881

297.3620,

■ 1.5885, 1.7754,

316.2090, 255.7410

0.0000

353.1037,
375.2614, 308.7942

■ 0.3849, 0.4718,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2695, 64.5694,
41.6343

■ 60.2695, 64.5694,
41.6343

■ 57.2842, 61.4194,
31.9433

■ 63.6518, 67.9453,
53.2085

■ 54.6713, 58.4782,
24.0292

■ 67.4445, 71.5463,
66.7562

■ 52.4108, 55.7394,
17.7816

■ 71.6662, 75.3825,
82.3667

■ 50.4788, 53.1928,
13.0758

■ 76.3330, 79.4611,
100.1228

■ 48.8478, 50.8269,
9.7696

■ 78.8623, 82.7495,
106.4235

■ 47.4855, 48.6282,
7.6941

■ 80.3261, 85.6769,
106.9114

■ 46.3369, 46.5741,
6.5619

■ 81.8309, 88.6867,
107.4130

■ 46.3123, 46.5294,
6.5401

■ 83.3773, 91.7794,
107.9285

■ 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.



66.4456, 64.5694, 43.7427



60.2695, 64.5694, 41.6343



54.7633, 64.5694, 46.0973

Triad

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



60.2695, 64.5694, 41.6343



52.2041, 64.5694, 91.8400



72.7883, 64.5694, 85.4250

Complementary

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



60.2695, 64.5694, 41.6343



42.6344, 42.5912, 77.2082

Split Complementary

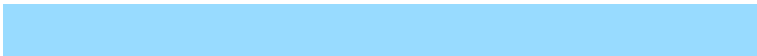
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.4905, 64.5694, 101.7792



60.2695, 64.5694, 41.6343



56.5621, 64.5694, 105.8960

Square

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



60.2695, 64.5694, 41.6343



50.3105, 64.5694, 73.5276



62.4864, 64.5694, 109.8073



73.9449, 64.5694, 67.1782

Rectangle

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



60.2695, 64.5694, 41.6343



52.1262, 64.5694, 52.7234



62.4864, 64.5694, 109.8073



71.6496, 64.5694, 91.4163

Sweetspot

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



60.2712, 64.5723, 41.6356



89.9559, 95.3756, 90.0493



50.8830, 43.5037, 45.5732



19.0875, 20.2595, 18.6678



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.



60.2712, 64.5723, 41.6356



77.4213, 83.0165, 46.6876



58.8666, 69.6039, 42.6809



14.5980, 15.4819, 14.5257



26.7781, 26.9941, 3.7990



1.9209, 2.0006, 0.2849

Inverse Universe

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



42.6344, 42.5912, 77.2082



50.2828, 49.2028, 101.4546



43.6925, 39.1053, 76.4796



13.1996, 13.7383, 17.3438



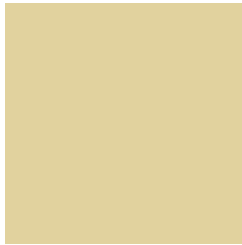
8.5695, 4.6086, 41.4862



0.6607, 0.4529, 2.8978

Previews

White Background



This preview shows how the XYZ color 60.2695, 64.5694, 41.6343 looks on a white background.

Color Contrast Check

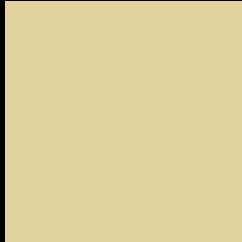
Large Text (above 18pt) WCAG AA × Fail

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 60.2695, 64.5694, 41.6343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

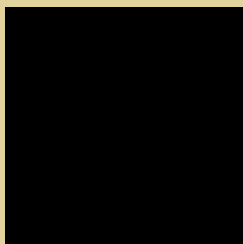
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2695, 64.5694, 41.6343

Background



This preview shows how black text looks on a background with the XYZ color 60.2695, 64.5694, 41.6343.

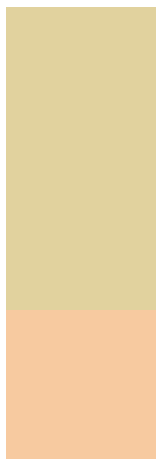


This preview shows how white text looks on a background with the XYZ color 60.2695, 64.5694,

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

60.2695, 64.5694, 41.6343

Protanopia

60.2695, 64.5694, 41.6343

Deuteranopia

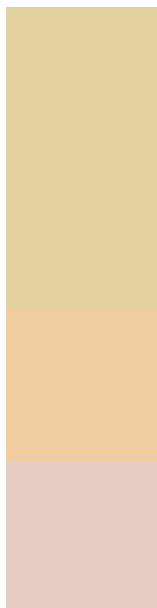
65.8235, 64.5533, 42.2485



Tritanopia

67.0541, 64.4588, 75.2373

Trichromacy



Original Color

60.2695, 64.5694, 41.6343

Protanomaly

60.2695, 64.5694, 41.6343

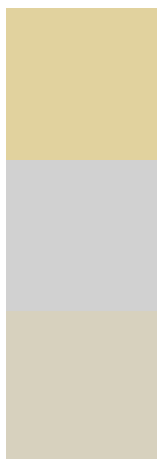
Deuteranomaly

63.6859, 64.5166, 41.8972

Tritanomaly

64.1082, 64.3062, 61.2580

Monochromacy



Original Color

60.2695, 64.5694, 41.6343

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1191, 63.7657, 57.8546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2695, 64.5694, 41.6343 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, 210, 158)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 158)  
}
```

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, 210, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 158) }
```

Border

The CSS property to change the border of an element to XYZ 60.2695, 64.5694, 41.6343 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, 210, 158) }
```


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

```
.border{ border-color:rgb(225, 210, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 210, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 210, 158); box-shadow:4px 4px 4px 4px rgb(225, 210, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2695, 64.5694, 41.6343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 158) }
```

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

```
.background{ background-color: rgb(225,  
210, 158) }
```

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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