

Converting Colors

XYZ(62.4656, 64.0571, 41.3657)

Have a look what the booklet for
XYZ(62.4656, 64.0571, 41.3657)
contains.

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Color

**XYZ(62.2638, 63.7934,
41.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCD9E
RGB	235, 205, 158
RGB Percent	92%, 80%, 62%
CMY	0.0784, 0.1961, 0.3804
CMYK	0.00, 0.13, 0.33, 0.08
HSL	37°, 66%, 77%
HSV	37°, 33%, 92%
XYZ	62.2638, 63.7934, 41.3795
YIQ	208.6120, 32.9670, -8.2570

Conversions

Conversions Part 2

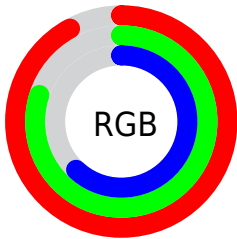
Format	Color
R_{YB}	207, 235, 158
Decimal	15453598
CIE _{Lab}	83.86, 3.82, 27.30
CIE _{LCh}	84, 27.568, 82.028
Yxy	63.7934, 0.3719, 0.3810
Android (android.graphics.Color)	4293643678 (0xFFEBCD9E)
YUV	208.6120, -24.9517, 23.1423
Hunter-Lab	79.8708, -0.6230, 25.1925

Details

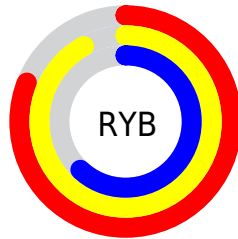
The XYZ color **62.2638, 63.7934, 41.3795** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.0787, 49.2322, 85.6188**, and the grayscale version is **60.4952, 63.6457, 69.3101**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **32.0282, 32.6388, 18.2475** is the 20% darker color. If you saturate the color by 10%, you get **58.3056, 58.8104, 31.0167**, and if you desaturate by 10%, it is **66.7402, 69.1933, 53.8246**.

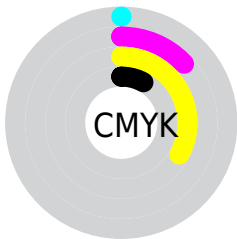
Distribution



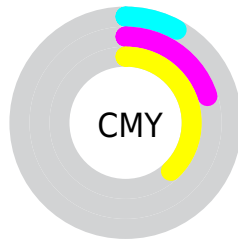
- Red (92%)
- Green (80%)
- Blue (62%)



- Red (81%)
- Yellow (92%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (8%)





- Cyan (8%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2638, 63.7934, 41.3795 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 62.2638, 63.7934, 41.3795 by changing the saturation by 10% instead.


 62.2638, 63.7934,
41.3795


 62.2638, 63.7934,
41.3795


422.5949,
438.4432, 367.6277

 45.5023, 46.4834,
28.2938


 107.1945,
110.3133, 78.5196

 32.0562, 32.6274,
18.3063


 136.0944,
140.2920, 103.4110

 21.5602, 21.8412,
10.9984


169.7711,
175.2624, 133.0748

 13.6489, 13.7402,
5.9516

208.5901,
215.6088, 167.9295

 7.9569, 7.9402,
2.7474

252.9166,
261.7158, 208.3936

 4.1190, 4.0567,
0.9671

303.1160,

 1.7697, 1.7053,

313.9675, 254.8856

0.0000

359.5536,
372.7485, 307.8242

■ 0.4993, 0.4271,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2638, 63.7934,
41.3795

■ 62.2638, 63.7934,
41.3795

■ 58.3056, 58.8104,
31.0167

■ 66.7402, 69.1933,
53.8246

■ 54.8365, 54.2223,
22.6152

■ 71.7524, 75.0136,
68.4562

■ 51.8315, 50.0178,
16.0473

■ 77.3231, 81.2690,
85.3758

■ 49.2610, 46.1814,
11.1683

■ 83.4720, 87.9707,
104.6777

■ 47.0911, 42.6958,
7.8117

■ 86.7386, 93.7375,
108.1293

■ 45.2813, 39.5410,
5.7760

■ 88.0710, 96.4022,
108.5734

■ 44.1522, 37.4447,
4.9005

Harmonies

Analogous

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



68.0880, 63.7934, 46.3377



62.2638, 63.7934, 41.3795



56.3682, 63.7934, 42.8939

Triad

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



62.2638, 63.7934, 41.3795



50.4623, 63.7934, 82.7412



70.2894, 63.7934, 92.0781

Complementary

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



62.2638, 63.7934, 41.3795



47.0787, 49.2322, 85.6188

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.



65.1092, 63.7934, 105.2084



62.2638, 63.7934, 41.3795



53.7443, 63.7934, 99.2229

Square

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



62.2638, 63.7934, 41.3795



49.8122, 63.7934, 64.9349



59.0323, 63.7934, 108.0204



72.9189, 63.7934, 74.1909

Rectangle

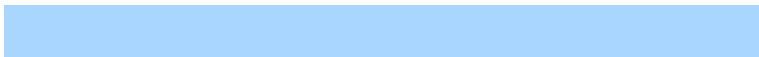
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.2638, 63.7934, 41.3795



53.1634, 63.7934, 47.5065



59.0323, 63.7934, 108.0204



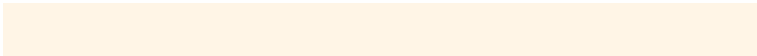
68.7729, 63.7934, 97.3095

Sweetspot

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



62.2654, 63.7963, 41.3808



88.1254, 92.2903, 87.6644



55.6519, 45.7821, 53.9347



18.6660, 19.5312, 18.1738



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.



62.2654, 63.7963, 41.3808



71.8252, 72.8901, 41.5367



67.6534, 78.2651, 43.8896



15.8308, 16.5846, 15.8855



24.7003, 21.0949, 2.7699



2.0326, 1.8425, 0.2485

Inverse Universe

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



47.0787, 49.2322, 85.6188



51.0298, 52.9560, 102.1397



42.8860, 38.5273, 83.7735



14.7124, 15.5113, 19.1408



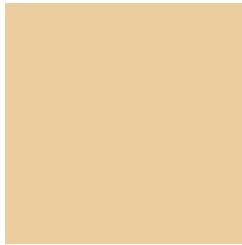
10.5689, 7.7848, 44.6885



0.9209, 0.7933, 3.5395

Previews

White Background



This preview shows how the XYZ color 62.2638, 63.7934, 41.3795 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 62.2638, 63.7934, 41.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

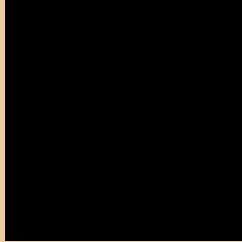
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2638, 63.7934, 41.3795

Background



This preview shows how black text looks on a background with the XYZ color 62.2638, 63.7934, 41.3795.



This preview shows how white text looks on a background with the XYZ color 62.2638, 63.7934,

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

62.2638, 63.7934, 41.3795

Protanopia

59.8861, 63.9863, 42.4520

Deuteranopia

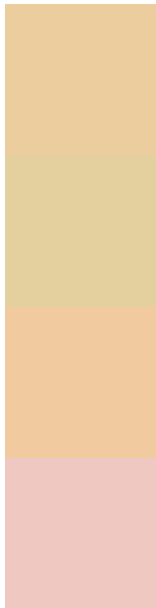
65.1507, 63.8693, 41.6951



Tritanopia

68.4800, 63.8930, 71.6741

Trichromacy



Original Color

62.2638, 63.7934, 41.3795

Protanomaly

60.8088, 64.1089, 41.9702

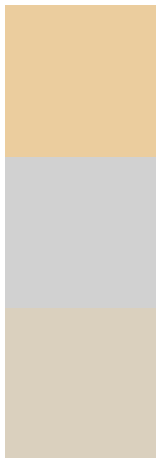
Deuteranomaly

63.9965, 63.6215, 41.7081

Tritanomaly

66.1089, 63.9743, 59.3160

Monochromacy



Original Color

62.2638, 63.7934, 41.3795

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7636, 63.7349, 57.8147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2638, 63.7934, 41.3795 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(235, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(235, 205, 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(235, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 205, 158) }
```

Border

The CSS property to change the border of an element to XYZ 62.2638, 63.7934, 41.3795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

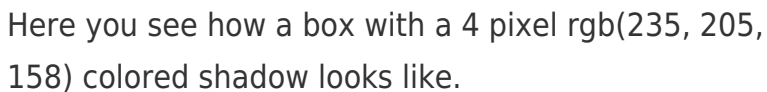
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 205, 158) }
```


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

```
.border{ border-color:rgb(235, 205, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 205, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 205, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 205, 158);  
box-shadow:4px 4px 4px 4px rgb(235, 205,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2638, 63.7934, 41.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 205, 158) }
```

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

```
.background{ background-color: rgb(235,  
205, 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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