

Converting Colors

XYZ(61.8628, 64.0495, 41.4103)

Have a look what the booklet for
XYZ(61.8628, 64.0495, 41.4103)
contains.

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Color

**XYZ(61.8471, 63.9349,
41.4287)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CE9E
RGB	233, 206, 158
RGB Percent	91%, 81%, 62%
CMY	0.0863, 0.1921, 0.3804
CMYK	0.00, 0.12, 0.32, 0.09
HSL	38°, 63%, 77%
HSV	38°, 32%, 91%
XYZ	61.8471, 63.9349, 41.4287
YIQ	208.6010, 31.5000, -9.2040

Conversions

Conversions Part 2

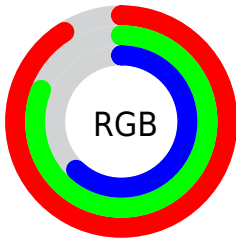
Format	Color
R _Y B	200, 233, 158
Decimal	15322782
CIE Lab	83.93, 2.53, 27.37
CIE LCh	84, 27.488, 84.710
Yxy	63.9349, 0.3699, 0.3824
Android (android.graphics.Color)	4293512862 (0xFFE9CE9E)
YUV	208.6010, -24.9463, 21.3979
Hunter-Lab	79.9593, -1.8622, 25.2520

Details

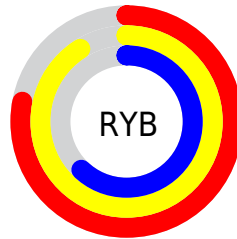
The XYZ color **61.8471, 63.9349, 41.4287** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.1569, 47.8486, 83.8937**, and the grayscale version is **60.4887, 63.6388, 69.3027**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **31.7343, 32.7272, 18.2801** is the 20% darker color. If you saturate the color by 10%, you get **58.0637, 59.2790, 31.1935**, and if you desaturate by 10%, it is **66.1218, 68.9642, 53.7050**.

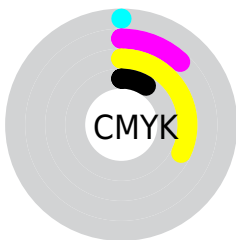
Distribution



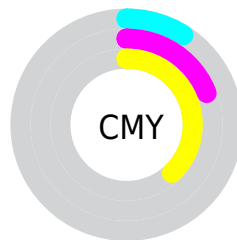
- Red (91%)
- Green (81%)
- Blue (62%)



- Red (78%)
- Yellow (91%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (9%)



- Cyan (9%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8471, 63.9349, 41.4287 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 61.8471, 63.9349, 41.4287 by changing the saturation by 10% instead.

61.8471, 63.9349,
41.4287

61.8471, 63.9349,
41.4287

421.0996,
438.9545, 367.8387

45.1643, 46.5979,
28.3320

106.5957,
110.5172, 78.5950

31.7887, 32.7179,
18.3349

135.3922,
140.5313, 103.5016

21.3549, 21.9105,
11.0187

168.9573,
175.5399, 133.1820

13.4976, 13.7911,
5.9651

207.6564,
215.9274, 168.0547

7.8514, 7.9755,
2.7554

251.8548,
262.0783, 208.5381

4.0510, 4.0793,
0.9712

301.9179,

1.7311, 1.7180,

314.3768, 255.0509

0.0000

358.2111,
373.2074, 308.0116

■ 0.4756, 0.4353,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8471, 63.9349,
41.4287

■ 61.8471, 63.9349,
41.4287

■ 58.0637, 59.2790,
31.1935

■ 66.1218, 68.9642,
53.7050

■ 54.7435, 54.9759,
22.8813

■ 70.9043, 74.3694,
68.1236

■ 51.8627, 51.0155,
16.3682

■ 76.2163, 80.1638,
84.7835

■ 49.3930, 47.3837,
11.5137

■ 82.0768, 86.3577,
103.7764

■ 47.3021, 44.0648,
8.1563

■ 85.2025, 91.6401,
107.8054

■ 45.5513, 41.0404,
6.1017

■ 87.4143, 96.0636,
108.5427

■ 44.3734, 38.8618,
5.1624

Harmonies

Analogous

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



67.7401, 63.9349, 45.8059



61.8471, 63.9349, 41.4287



56.0334, 63.9349, 43.5211

Triad

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



61.8471, 63.9349, 41.4287



50.8004, 63.9349, 84.4921



70.7676, 63.9349, 90.6916

Complementary

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



61.8471, 63.9349, 41.4287



46.1569, 47.8486, 83.8937

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.



65.7624, 63.9349, 104.4809



61.8471, 63.9349, 41.4287



54.2919, 63.9349, 100.5058

Square

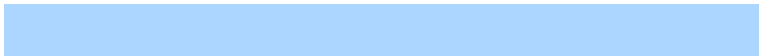
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.8471, 63.9349, 41.4287



49.9043, 63.9349, 66.5874



59.7019, 63.9349, 108.3408



73.1044, 63.9349, 72.7314

Rectangle

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



61.8471, 63.9349, 41.4287



52.9454, 63.9349, 48.5187



59.7019, 63.9349, 108.3408



69.3259, 63.9349, 96.0793

Sweetspot

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



61.8487, 63.9378, 41.4300



88.3544, 92.7483, 87.7407



54.6414, 45.3020, 52.0410



18.7215, 19.6422, 18.1923



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.



61.8487, 63.9378, 41.4300



72.5878, 74.4152, 41.7909



65.7421, 76.4345, 43.6369



15.8695, 16.6621, 15.8984



25.2999, 22.2941, 2.9697



2.0772, 1.9318, 0.2634

Inverse Universe

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



46.1569, 47.8486, 83.8937



50.3795, 51.6553, 101.9229



43.0839, 38.6625, 82.2826



14.6749, 15.4363, 19.1283



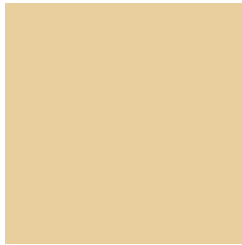
10.2454, 7.1378, 44.5807



0.8929, 0.7372, 3.5301

Previews

White Background



This preview shows how the XYZ color 61.8471, 63.9349, 41.4287 looks on a white background.

Color Contrast Check

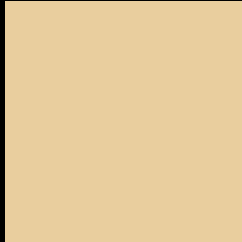
Large Text (above 18pt) WCAG AA × Fail

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 61.8471, 63.9349, 41.4287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

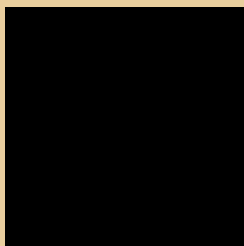
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8471, 63.9349, 41.4287

Background



This preview shows how black text looks on a background with the XYZ color 61.8471, 63.9349, 41.4287.



This preview shows how white text looks on a background with the XYZ color 61.8471, 63.9349,

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

61.8471, 63.9349, 41.4287

Protanopia

59.7989, 63.9514, 41.9930

Deuteranopia

65.1507, 63.8693, 41.6951



Tritanopia

68.1576, 64.0526, 72.3894

Trichromacy



Original Color

61.8471, 63.9349, 41.4287

Protanomaly

60.4924, 63.9458, 41.9554

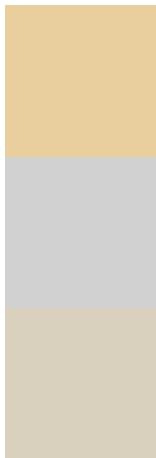
Deuteranomaly

63.8896, 63.9158, 41.7705

Tritanomaly

65.7832, 64.1406, 59.9522

Monochromacy



Original Color

61.8471, 63.9349, 41.4287

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 61.8471, 63.9349, 41.4287 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(233, 206, 158)` looks like.

```
.text, #text, p{  
    color:rgb(233, 206, 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(233, 206, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 206, 158) }
```

Border

The CSS property to change the border of an element to XYZ 61.8471, 63.9349, 41.4287 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(233, 206, 158) }
```


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

```
.border{ border-color:rgb(233, 206, 158) }
```

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

Here you see how a box with a 4 pixel rgb(233, 206, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 206, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 206, 158);  
box-shadow:4px 4px 4px 4px rgb(233, 206,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8471, 63.9349, 41.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 206, 158) }
```

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

```
.background{ background-color: rgb(233,  
206, 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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