

Converting Colors

XYZ(61.5178, 63.2800, 41.4773)

Have a look what the booklet for
XYZ(61.5178, 63.2800, 41.4773)
contains.

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Color

**XYZ(61.6071, 63.4549,
41.3487)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CD9E
RGB	233, 205, 158
RGB Percent	91%, 80%, 62%
CMY	0.0863, 0.1961, 0.3804
CMYK	0.00, 0.12, 0.32, 0.09
HSL	38°, 63%, 77%
HSV	38°, 32%, 91%
XYZ	61.6071, 63.4549, 41.3487
YIQ	208.0140, 31.7750, -8.6810

Conversions

Conversions Part 2

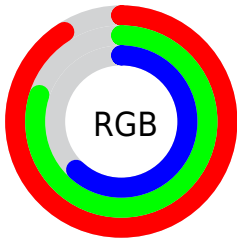
Format	Color
R_{YB}	203, 233, 158
Decimal	15322526
CIE _{Lab}	83.68, 3.05, 27.03
CIE _{LCh}	84, 27.204, 83.555
Yxy	63.4549, 0.3702, 0.3813
Android (android.graphics.Color)	4293512606 (0xFFE9CD9E)
YUV	208.0140, -24.6569, 21.9127
Hunter-Lab	79.6586, -1.3525, 24.9851

Details

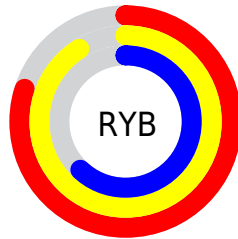
The XYZ color **61.6071, 63.4549, 41.3487** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.3669, 48.2685, 83.9637**, and the grayscale version is **60.1050, 63.2352, 68.8631**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **31.5726, 32.4039, 18.2262** is the 20% darker color. If you saturate the color by 10%, you get **57.7662, 58.6839, 31.0943**, and if you desaturate by 10%, it is **65.9472, 68.6152, 53.6468**.

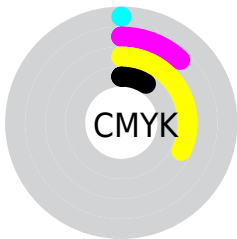
Distribution



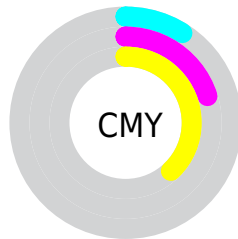
- Red (91%)
- Green (80%)
- Blue (62%)



- Red (80%)
- Yellow (91%)
- Blue (62%)



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



- Cyan (9%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6071, 63.4549, 41.3487 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 61.6071, 63.4549, 41.3487 by changing the saturation by 10% instead.

61.6071, 63.4549,
41.3487

61.6071, 63.4549,
41.3487

420.2369,
437.2185, 367.4956

44.9697, 46.2093,
28.2699

106.2506,
109.8255, 78.4724

31.6347, 32.4110,
18.2884

134.9875,
139.7194, 103.3543

21.2369, 21.6756,
10.9857

168.4882,
174.5981, 133.0077

13.4107, 13.6188,
5.9431

207.1181,
214.8461, 167.8511

7.7909, 7.8560,
2.7423

251.2425,
260.8477, 208.3031

4.0121, 4.0029,
0.9646

301.2269,

1.7090, 1.6752,

312.9874, 254.7821

0.0000

357.4366,
371.6495, 307.7068

■ 0.4619, 0.4075,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6071, 63.4549,
41.3487

■ 61.6071, 63.4549,
41.3487

■ 57.7662, 58.6839,
31.0943

■ 65.9472, 68.6152,
53.6468

■ 54.3961, 54.2811,
22.7655

■ 70.8033, 74.1675,
68.0899

■ 51.4730, 50.2360,
16.2382

■ 76.1973, 80.1258,
84.7771

■ 48.9683, 46.5342,
11.3721

■ 82.1482, 86.5004,
103.8002

■ 46.8494, 43.1594,
8.0054

■ 85.3728, 91.9808,
107.8622

■ 45.0775, 40.0928,
5.9438

■ 87.4143, 96.0636,
108.5427

■ 43.8878, 37.8906,
5.0005

Harmonies

Analogous

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



67.3767, 63.4549, 45.9169



61.6071, 63.4549, 41.3487



55.8487, 63.4549, 43.1689

Triad

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



61.6071, 63.4549, 41.3487



50.4082, 63.4549, 83.0500



70.0049, 63.4549, 90.4722

Complementary

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



61.6071, 63.4549, 41.3487



46.3669, 48.2685, 83.9637

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.



65.0070, 63.4549, 103.7422



61.6071, 63.4549, 41.3487



53.7592, 63.4549, 98.9875

Square

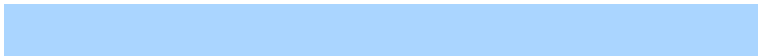
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.6071, 63.4549, 41.3487



49.6295, 63.4549, 65.4738



59.0351, 63.4549, 107.0903



72.4269, 63.4549, 72.8403

Rectangle

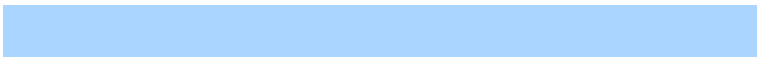
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.6071, 63.4549, 41.3487



52.7576, 63.4549, 47.9375



59.0351, 63.4549, 107.0903



68.5552, 63.4549, 95.7009

Sweetspot

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



61.6087, 63.4578, 41.3500



88.2512, 92.5418, 87.7063



54.7744, 45.3552, 52.7416



18.6965, 19.5922, 18.1839



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.



61.6087, 63.4578, 41.3500



72.2428, 73.7252, 41.6759



66.1287, 76.6338, 43.6550



15.8521, 16.6272, 15.8926



25.0256, 21.7454, 2.8783



2.0569, 1.8910, 0.2566

Inverse Universe

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



46.3669, 48.2685, 83.9637



50.6707, 52.2377, 102.0200



42.8191, 38.5260, 82.2702



14.6918, 15.4700, 19.1339



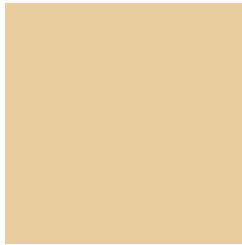
10.3874, 7.4218, 44.6280



0.9053, 0.7620, 3.5342

Previews

White Background



This preview shows how the XYZ color 61.6071, 63.4549, 41.3487 looks on a white background.

Color Contrast Check

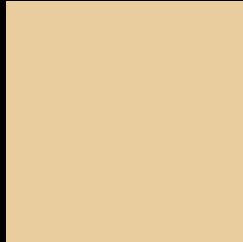
Large Text (above 18pt) WCAG AA × Fail

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 61.6071, 63.4549, 41.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

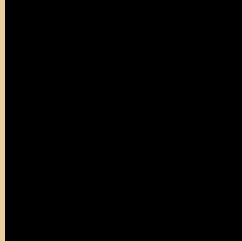
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6071, 63.4549, 41.3487

Background



This preview shows how black text looks on a background with the XYZ color 61.6071, 63.4549, 41.3487.



This preview shows how white text looks on a background with the XYZ color 61.6071, 63.4549,

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

61.6071, 63.4549, 41.3487

Protanopia

59.3325, 63.3378, 42.3560

Deuteranopia

64.5685, 63.2242, 41.6013



Tritanopia

67.8009, 63.5430, 71.6423

Trichromacy



Original Color

61.6071, 63.4549, 41.3487

Protanomaly

60.2494, 63.4597, 41.8744

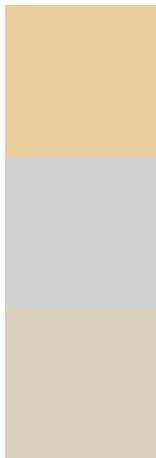
Deuteranomaly

63.6542, 63.4450, 41.6921

Tritanomaly

65.4373, 63.6281, 59.2846

Monochromacy



Original Color

61.6071, 63.4549, 41.3487

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.2224, 63.0951, 57.7197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6071, 63.4549, 41.3487 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, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 205, 158) }
```

Border

The CSS property to change the border of an element to XYZ 61.6071, 63.4549, 41.3487 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, 205, 158) }
```


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

```
.border{ border-color:rgb(233, 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(233, 205, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 205, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 205, 158);  
box-shadow:4px 4px 4px 4px rgb(233, 205,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6071, 63.4549, 41.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 205, 158) }
```

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

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