

Converting Colors

XYZ(61.3749, 62.6816, 42.9370)

Have a look what the booklet for
XYZ(61.3749, 62.6816, 42.9370)
contains.

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Color

**XYZ(61.4818, 62.6441,
43.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CBA2
RGB	233, 203, 162
RGB Percent	91%, 80%, 64%
CMY	0.0863, 0.2039, 0.3647
CMYK	0.00, 0.13, 0.30, 0.09
HSL	35°, 62%, 77%
HSV	35°, 30%, 91%
XYZ	61.4818, 62.6441, 43.0335
YIQ	207.2960, 31.0410, -6.3910

Conversions

Conversions Part 2

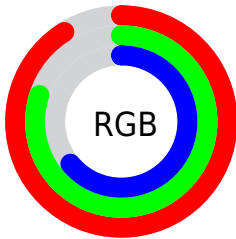
Format	Color
RYB	214, 233, 162
Decimal	15322018
CIELab	83.25, 4.60, 24.36
CIELCh	83, 24.786, 79.309
Yxy	62.6441, 0.3678, 0.3748
Android (android.graphics.Color)	4293512098 (0xFFE9CBA2)
YUV	207.2960, -22.3309, 22.5424
Hunter-Lab	79.1480, 0.1489, 23.1671

Details

The XYZ color **61.4818, 62.6441, 43.0335** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.4575, 51.2624, 84.4317**, and the grayscale version is **59.6259, 62.7310, 68.3141**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **31.4664, 31.8508, 19.2412** is the 20% darker color. If you saturate the color by 10%, you get **57.3487, 57.3908, 32.3669**, and if you desaturate by 10%, it is **66.1496, 68.3519, 55.7729**.

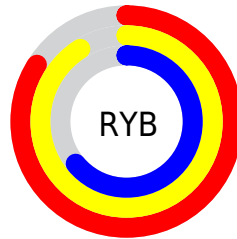
Distribution



Red (91%)

Green (80%)

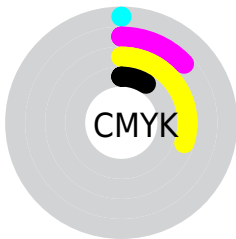
Blue (64%)



Red (84%)

Yellow (91%)

Blue (64%)

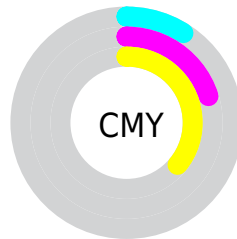


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (9%)



Cyan (9%)

Magenta (20%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4818, 62.6441, 43.0335 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 61.4818, 62.6441, 43.0335 by changing the saturation by 10% instead.


 61.4818, 62.6441,
43.0335


 61.4818, 62.6441,
43.0335


419.7861,
434.2767, 374.6748

 44.8681, 45.5533,
29.5798


 106.0704,
108.6559, 81.0483

 31.5544, 31.8935,
19.2705


 134.7760,
138.3457, 106.4465

 21.1753, 21.2802,
11.6871


168.2431,
173.0040, 136.6633

 13.3654, 13.3290,
6.4111

206.8368,
213.0152, 172.1172

 7.7593, 7.6555,
3.0238

250.9226,
258.7637, 213.2267

 3.9919, 3.8753,
1.1068

300.8659,

 1.6975, 1.6040,

310.6338, 260.4105

0.0000

357.0319,
369.0100, 314.0870

0.4547, 0.3603,
0.0000

0.0000, 0.0000,
0.0000

61.4818, 62.6441,
43.0335

61.4818, 62.6441,
43.0335

57.3487, 57.3908,
32.3669

66.1496, 68.3519,
55.7729

53.7214, 52.5694,
23.6566

71.3694, 74.5188,
70.6854

50.5755, 48.1679,
16.7803

77.1637, 81.1599,
87.8693

47.8821, 44.1702,
11.6000

83.5197, 88.2743,
107.2444

■ 45.6084, 40.5584,
7.9583

■ 86.5349, 94.3048,
108.2495

■ 43.7160, 37.3122,
5.6672

■ 87.4144, 96.0637,
108.5427

■ 42.2078, 34.5306,
4.4405

Harmonies

Analogous

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



66.5465, 62.6441, 48.1136



61.4818, 62.6441, 43.0335



56.1845, 62.6441, 43.8871

Triad

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



61.4818, 62.6441, 43.0335



50.2990, 62.6441, 78.4861



67.7380, 62.6441, 89.4142

Complementary

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



61.4818, 62.6441, 43.0335



48.4575, 51.2624, 84.4317

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.



63.0293, 62.6441, 100.1773



61.4818, 62.6441, 43.0335



53.0459, 62.6441, 93.2400

Square

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



61.4818, 62.6441, 43.0335



49.9401, 62.6441, 62.8571



57.6421, 62.6441, 101.6742



70.3004, 62.6441, 73.8559

Rectangle

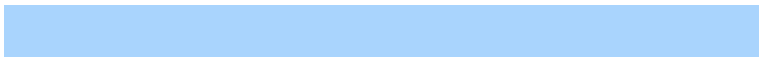
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4818, 62.6441, 43.0335



53.2230, 62.6441, 47.7506



57.6421, 62.6441, 101.6742



66.3409, 62.6441, 93.8068

Sweetspot

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



61.4834, 62.6470, 43.0348



88.5572, 92.5782, 89.5831



56.1248, 47.0049, 56.4311



18.7420, 19.5684, 18.5526



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.



61.4834, 62.6470, 43.0348



71.9783, 72.4932, 43.7555



67.7405, 77.4244, 45.5573



15.7880, 16.4989, 15.8712



24.0749, 19.8440, 2.5614



1.9854, 1.7480, 0.2328

Inverse Universe

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



48.4575, 51.2624, 84.4317



53.4500, 56.3058, 102.6587



43.5091, 39.9112, 82.5015



14.7542, 15.5949, 19.1547



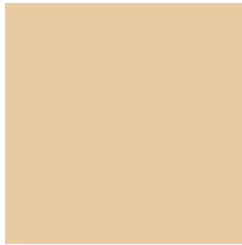
10.9638, 8.5746, 44.8202



0.9543, 0.8601, 3.5506

Previews

White Background



This preview shows how the XYZ color 61.4818, 62.6441, 43.0335 looks on a white background.

Color Contrast Check

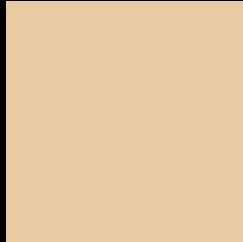
Large Text (above 18pt) WCAG AA × Fail

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 61.4818, 62.6441, 43.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

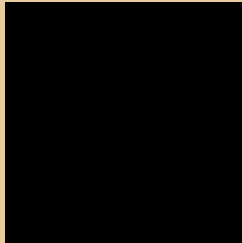
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4818, 62.6441, 43.0335

Background



This preview shows how black text looks on a background with the XYZ color 61.4818, 62.6441, 43.0335.



This preview shows how white text looks on a background with the XYZ color 61.4818, 62.6441,

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

61.4818, 62.6441, 43.0335

Protanopia

58.8325, 62.6781, 44.1192

Deuteranopia

63.9964, 62.5459, 43.3499



Tritanopia

67.0944, 62.5337, 70.1620

Trichromacy



Original Color

61.4818, 62.6441, 43.0335

Protanomaly

59.7335, 62.7945, 43.6226

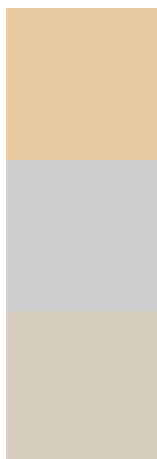
Deuteranomaly

62.8617, 62.3036, 43.3630

Tritanomaly

64.9741, 62.7016, 59.1302

Monochromacy



Original Color

61.4818, 62.6441, 43.0335

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.7942, 62.5031, 58.2030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4818, 62.6441, 43.0335 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, 203, 162)` looks like.

```
.text, #text, p{  
    color:rgb(233, 203, 162)  
}
```

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, 203, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 203, 162) }
```

Border

The CSS property to change the border of an element to XYZ 61.4818, 62.6441, 43.0335 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, 203, 162) }
```


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

```
.border{ border-color:rgb(233, 203, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 203, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 203, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 203, 162);  
box-shadow:4px 4px 4px 4px rgb(233, 203,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4818, 62.6441, 43.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 203, 162) }
```

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

```
.background{ background-color: rgb(233,  
203, 162) }
```

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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