

Converting Colors

XYZ(61.4290, 60.2258, 42.1085)

Have a look what the booklet for
XYZ(61.4290, 60.2258, 42.1085)
contains.

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Color

**XYZ(61.4328, 60.2302,
42.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC4A1
RGB	238, 196, 161
RGB Percent	93%, 77%, 63%
CMY	0.0667, 0.2313, 0.3686
CMYK	0.00, 0.18, 0.32, 0.07
HSL	27°, 69%, 78%
HSV	27°, 32%, 93%
XYZ	61.4328, 60.2302, 42.1059
YIQ	204.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

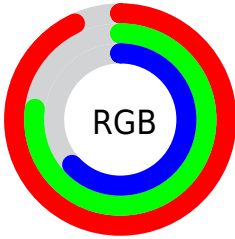
Format	Color
R _Y B	238, 225, 161
Decimal	15647905
CIE Lab	81.96, 10.05, 23.19
CIE LCh	82, 25.276, 66.570
Yxy	60.2302, 0.3751, 0.3678
Android (android.graphics.Color)	4293837985 (0xFFEEC4A1)
YUV	204.5680, -21.4790, 29.3199
Hunter-Lab	77.6081, 5.4823, 22.1582

Details

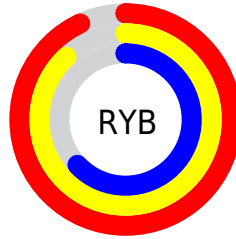
The XYZ color **61.4328, 60.2302, 42.1059** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4858, 56.4600, 89.0732**, and the grayscale version is **57.8712, 60.8850, 66.3037**.

A 20% lighter version of the original color is **88.7599, 96.4684, 78.9079**, and **31.4894, 30.2739, 18.6518** is the 20% darker color. If you saturate the color by 10%, you get **56.7286, 53.8667, 31.1502**, and if you desaturate by 10%, it is **66.7930, 67.2657, 55.2524**.

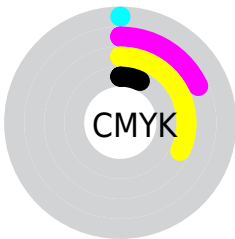
Distribution



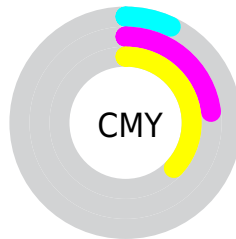
- Red (93%)
- Green (77%)
- Blue (63%)



- Red (93%)
- Yellow (88%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4328, 60.2302, 42.1059 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 61.4328, 60.2302, 42.1059 by changing the saturation by 10% instead.


 61.4328, 60.2302,
42.1059


 61.4328, 60.2302,
42.1059


419.6097,
425.4458, 370.7343

 44.8284, 43.6042,
28.8580


 105.9999,
105.1635, 79.6317

 31.5230, 30.3595,
18.7288


 134.6934,
134.2397, 104.7467

 21.1512, 20.1116,
11.2997


168.1472,
168.2346, 134.6545

 13.3477, 12.4762,
6.1521

206.7268,
207.5328, 169.7736

 7.7470, 7.0689,
2.8675

250.7975,
252.5186, 210.5227

 3.9839, 3.5052,
1.0274

300.7246,

 1.6931, 1.4008,

303.5765, 257.3201

0.0000

356.8736,
361.0907, 310.5845

■ 0.4519, 0.2173,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4328, 60.2302,
42.1059

■ 61.4328, 60.2302,
42.1059

■ 56.7286, 53.8667,
31.1502

■ 66.7930, 67.2657,
55.2524

■ 52.6465, 48.1450,
22.2597

■ 72.8316, 74.9856,
70.6983

■ 49.1565, 43.0447,
15.3018

■ 79.5756, 83.4123,
88.5494

■ 46.2236, 38.5405,
10.1264

■ 86.8548, 92.4870,
107.8818

■ 43.8083, 34.6051,
6.5611

■ 89.0699, 96.9171,
108.6201

■ 41.8639, 31.2078,
4.3982

■ 40.6434, 28.9441,
3.4446

Harmonies

Analogous

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



65.9066, 60.2302, 49.5566



61.4328, 60.2302, 42.1059



56.0789, 60.2302, 40.4648

Triad

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



61.4328, 60.2302, 42.1059



47.6296, 60.2302, 69.0069



63.5930, 60.2302, 92.1817

Complementary

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



61.4328, 60.2302, 42.1059



51.4858, 56.4600, 89.0732

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.



58.4312, 60.2302, 99.3924



61.4328, 60.2302, 42.1059



49.3812, 60.2302, 84.7322

Square

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



61.4328, 60.2302, 42.1059



48.3231, 60.2302, 54.5563



53.2558, 60.2302, 96.4734



67.2071, 60.2302, 77.9978

Rectangle

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



61.4328, 60.2302, 42.1059



52.7708, 60.2302, 42.6153



53.2558, 60.2302, 96.4734



61.9694, 60.2302, 95.5944

Sweetspot

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



61.4344, 60.2330, 42.1071



86.9355, 89.9106, 87.2678



58.8264, 47.9960, 62.8829



18.3782, 18.9555, 18.0778



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.



61.4344, 60.2330, 42.1071



68.0337, 65.3071, 40.2728



71.1586, 79.6815, 45.3486



16.3647, 16.9425, 16.5574



22.8006, 16.3992, 1.9636



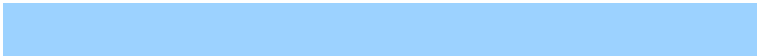
1.9950, 1.5606, 0.1961

Inverse Universe

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



51.4858, 56.4600, 89.0732



54.6678, 60.2320, 103.3524



43.5592, 40.6070, 86.4310



15.6117, 16.6575, 20.1140



13.1798, 12.5838, 46.8621



1.1958, 1.2455, 3.9316

Previews

White Background



This preview shows how the XYZ color 61.4328, 60.2302, 42.1059 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 61.4328, 60.2302, 42.1059 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 61.4328, 60.2302, 42.1059

Background



This preview shows how black text looks on a background with the XYZ color 61.4328, 60.2302, 42.1059.



This preview shows how white text looks on a background with the XYZ color 61.4328, 60.2302,

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

61.4328, 60.2302, 42.1059

Protanopia

56.7033, 60.5013, 44.2866

Deuteranopia

61.4328, 60.2302, 42.1059



Tritanopia

66.3950, 60.2894, 65.8952

Trichromacy



Original Color

61.4328, 60.2302, 42.1059

Protanomaly

58.3280, 60.3009, 43.6870

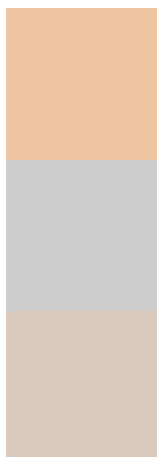
Deuteranomaly

61.4328, 60.2302, 42.1059

Tritanomaly

64.3106, 60.0742, 56.3501

Monochromacy



Original Color

61.4328, 60.2302, 42.1059

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.9211, 60.6669, 56.7485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4328, 60.2302, 42.1059 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(238, 196, 161)` looks like.

```
.text, #text, p{  
    color:rgb(238, 196, 161)  
}
```

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(238, 196, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 196, 161) }
```

Border

The CSS property to change the border of an element to XYZ 61.4328, 60.2302, 42.1059 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(238, 196, 161) }
```


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

```
.border{ border-color:rgb(238, 196, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 196, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 196, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 196, 161);  
box-shadow:4px 4px 4px 4px rgb(238, 196,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4328, 60.2302, 42.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 196, 161) }
```

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

```
.background{ background-color: rgb(238,  
196, 161) }
```

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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