

Converting Colors

XYZ(60.7693, 61.4289, 34.0385)

Have a look what the booklet for
XYZ(60.7693, 61.4289, 34.0385)
contains.

XYZ(60.7219, 61.4088, 33.8520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.7219, 61.4088,
33.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC88D
RGB	238, 200, 141
RGB Percent	93%, 78%, 55%
CMY	0.0667, 0.2157, 0.4471
CMYK	0.00, 0.16, 0.41, 0.07
HSL	36°, 74%, 74%
HSV	36°, 41%, 93%
XYZ	60.7219, 61.4088, 33.8520
YIQ	204.6360, 41.5870, -10.2930

Conversions

Conversions Part 2

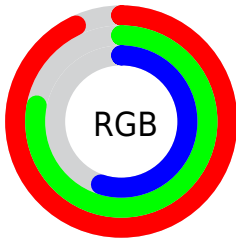
Format	Color
R _Y B	203, 238, 141
Decimal	15648909
CIE Lab	82.60, 5.64, 34.51
CIE LCh	83, 34.965, 80.718
Yxy	61.4088, 0.3893, 0.3937
Android (android.graphics.Color)	4293838989 (0xFFEEC88D)
YUV	204.6360, -31.3725, 29.2602
Hunter-Lab	78.3638, 1.1781, 29.2422

Details

The XYZ color **60.7219, 61.4088, 33.8520** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.5367, 44.0744, 87.1541**, and the grayscale version is **57.9728, 60.9919, 66.4202**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **30.9467, 30.9993, 14.0252** is the 20% darker color. If you saturate the color by 10%, you get **57.0446, 56.5901, 24.8084**, and if you desaturate by 10%, it is **64.9145, 66.6488, 44.9460**.

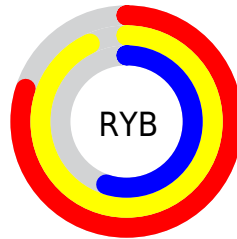
Distribution



Red (93%)

Green (78%)

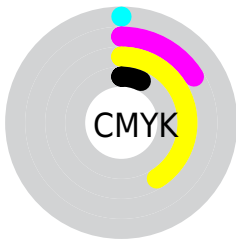
Blue (55%)



Red (80%)

Yellow (93%)

Blue (55%)

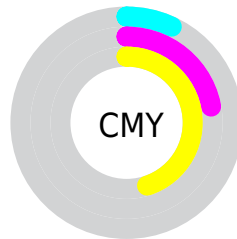


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (7%)



Cyan (7%)


Magenta (22%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7219, 61.4088, 33.8520 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 60.7219, 61.4088, 33.8520 by changing the saturation by 10% instead.


 60.7219, 61.4088,
33.8520


 60.7219, 61.4088,
33.8520


417.0458,
429.7713, 334.2206


 44.2525, 44.5552,
22.5035


 104.9766,
106.8706, 66.8347

 31.0678, 31.1072,
14.0255


 133.4925,
136.2476, 89.3060

 20.8026, 20.6805,
7.9994


 166.7546,
170.5678, 116.3219

 13.0914, 12.8907,
4.0068

205.1283,
210.2157, 148.3011

 7.5689, 7.3533,
1.6291

248.9789,
255.5756, 185.6620

 3.8699, 3.6840,
0.3114

298.6718,

 1.6288, 1.4984,

307.0319, 228.8232

0.0000

354.5723,
364.9690, 278.2032

■ 0.4111, 0.2876,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7219, 61.4088,
33.8520

■ 60.7219, 61.4088,
33.8520

■ 57.0446, 56.5901,
24.8084

■ 64.9145, 66.6488,
44.9460

■ 53.8510, 52.1695,
17.6810


■ 69.6425, 72.3151,
58.2055


■ 51.1128, 48.1342,
12.3256


■ 74.9304, 78.4230,
73.7414


■ 48.7960, 44.4667,
8.5755

■ 80.7994, 84.9847,
91.6559

 46.8606, 41.1468,
6.2315

 86.4539, 91.6853,
107.7482

 45.3511, 38.3596,
5.0139

 89.0699, 96.9171,
108.6201

Harmonies

Analogous

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



67.9717, 61.4088, 39.7430



60.7219, 61.4088, 33.8520



53.4178, 61.4088, 35.2216

Triad

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



60.7219, 61.4088, 33.8520



45.9030, 61.4088, 82.5470



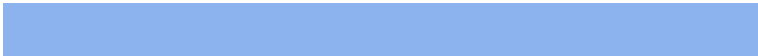
70.2432, 61.4088, 96.5354

Complementary

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



60.7219, 61.4088, 33.8520



42.5367, 44.0744, 87.1541

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.



63.6133, 61.4088, 113.3539



60.7219, 61.4088, 33.8520



49.7130, 61.4088, 104.1529

Square

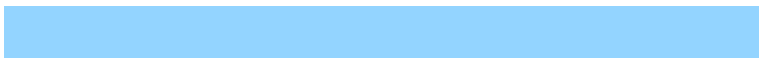
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.7219, 61.4088, 33.8520



45.2729, 61.4088, 60.4272



56.0742, 61.4088, 116.4060



73.7703, 61.4088, 73.7419

Rectangle

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



60.7219, 61.4088, 33.8520



49.4650, 61.4088, 40.2145



56.0742, 61.4088, 116.4060



68.2782, 61.4088, 103.2628

Sweetspot

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



60.7234, 61.4117, 33.8532



86.8037, 90.7732, 83.7517



53.0030, 40.5147, 48.1004



18.4003, 19.2242, 17.3930



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.



60.7234, 61.4117, 33.8532



67.3578, 67.0434, 30.5272



67.4726, 79.6153, 37.0112



16.5730, 17.3592, 16.6269



25.4309, 21.6599, 2.8404



2.2121, 1.9949, 0.2685

Inverse Universe

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



42.5367, 44.0744, 87.1541



43.3822, 44.2070, 100.8541



37.6650, 31.7742, 85.0367



15.4051, 16.2443, 20.0451



10.9217, 8.0677, 46.1095



1.0027, 0.8593, 3.8672

Previews

White Background



This preview shows how the XYZ color 60.7219, 61.4088, 33.8520 looks on a white background.

Color Contrast Check

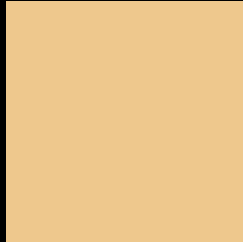
Large Text (above 18pt) WCAG AA × Fail

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 60.7219, 61.4088, 33.8520 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 60.7219, 61.4088, 33.8520

Background



This preview shows how black text looks on a background with the XYZ color 60.7219, 61.4088, 33.8520.



This preview shows how white text looks on a background with the XYZ color 60.7219, 61.4088,

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

60.7219, 61.4088, 33.8520

Protanopia

57.1534, 61.6554, 34.8750

Deuteranopia

62.8548, 61.4783, 34.1449



Tritanopia

67.6464, 61.5680, 66.7110

Trichromacy



Original Color

60.7219, 61.4088, 33.8520

Protanomaly

58.4703, 61.6327, 34.4058

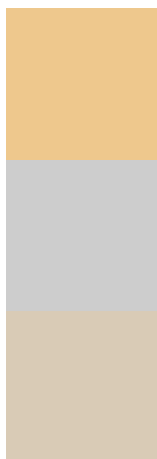
Deuteranomaly

62.0387, 61.3958, 34.1720

Tritanomaly

64.5766, 61.2849, 52.6816

Monochromacy



Original Color

60.7219, 61.4088, 33.8520

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4147, 60.8410, 52.9207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7219, 61.4088, 33.8520 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, 200, 141)` looks like.

```
.text, #text, p{  
    color:rgb(238, 200, 141)  
}
```

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, 200, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 200, 141) }
```

Border

The CSS property to change the border of an element to XYZ 60.7219, 61.4088, 33.8520 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, 200, 141) }
```


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

```
.border{ border-color:rgb(238, 200, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 200, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 200, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 200, 141);  
box-shadow:4px 4px 4px 4px rgb(238, 200,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7219, 61.4088, 33.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 200, 141) }
```

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

```
.background{ background-color: rgb(238,  
200, 141) }
```

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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