

Converting Colors

XYZ(61.6757, 62.9006, 34.7653)

Have a look what the booklet for
XYZ(61.6757, 62.9006, 34.7653)
contains.

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Color

**XYZ(61.5738, 62.8722,
34.8769)**

Conversions

Conversions Part 1

Format	Color
Hex	EECB8F
RGB	238, 203, 143
RGB Percent	93%, 80%, 56%
CMY	0.0667, 0.2039, 0.4392
CMYK	0.00, 0.15, 0.40, 0.07
HSL	38°, 74%, 75%
HSV	38°, 40%, 93%
XYZ	61.5738, 62.8722, 34.8769
YIQ	206.6250, 40.1200, -11.2400

Conversions

Conversions Part 2

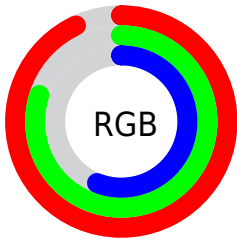
Format	Color
R _Y B	198, 238, 143
Decimal	15649679
CIE Lab	83.38, 4.29, 34.49
CIE LCh	83, 34.760, 82.902
Yxy	62.8722, 0.3865, 0.3946
Android (android.graphics.Color)	4293839759 (0xFFEECB8F)
YUV	206.6250, -31.3671, 27.5159
Hunter-Lab	79.2920, -0.1477, 29.4255

Details

The XYZ color **61.5738, 62.8722, 34.8769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.6803, 43.8521, 87.1038**, and the grayscale version is **59.2455, 62.3309, 67.8784**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **31.5016, 31.9709, 14.6359** is the 20% darker color. If you saturate the color by 10%, you get **57.9469, 58.2040, 25.6968**, and if you desaturate by 10%, it is **65.7035, 67.9335, 46.1129**.

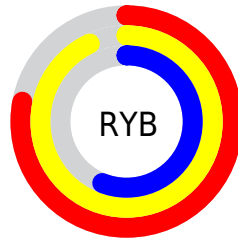
Distribution



Red (93%)

Green (80%)

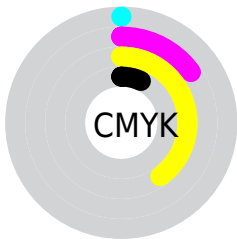
Blue (56%)



Red (78%)

Yellow (93%)

Blue (56%)

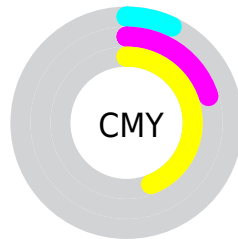


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (7%)



Cyan (7%)

Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5738, 62.8722, 34.8769 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 61.5738, 62.8722, 34.8769 by changing the saturation by 10% instead.

61.5738, 62.8722,
34.8769

61.5738, 62.8722,
34.8769

420.1171,
435.1055, 338.9124

44.9427, 45.7378,
23.2853

106.2027,
108.9851, 68.4444

31.6134, 32.0390,
14.5970

134.9313,
138.7324, 91.2574

21.2205, 21.3913,
8.3936

168.4230,
173.4529, 118.6479

13.3986, 13.4103,
4.2564

207.0433,
213.5308, 151.0345

7.7825, 7.7117,
1.7671

251.1575,
259.3507, 188.8357

4.0067, 3.9110,
0.4061

301.1310,

1.7059, 1.6239,

311.2968, 232.4701

0.0000

357.3291,
369.7536, 282.3561

■ 0.4600, 0.3736,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5738, 62.8722,
34.8769

■ 61.5738, 62.8722,
34.8769

■ 57.9469, 58.2040,
25.6968

■ 65.7035, 67.9335,
46.1129

■ 54.7916, 53.9064,
18.4397

■ 70.3554, 73.3917,
59.5188

■ 52.0806, 49.9676,
12.9628

■ 75.5534, 79.2616,
75.2049

■ 49.7805, 46.3712,
9.1018

■ 81.3185, 85.5545,
93.2724

■ 47.8523, 43.0981,
6.6609

■ 86.5222, 91.8218,
107.7709

■ 46.2319, 40.1193,
5.3129

■ 89.0699, 96.9171,
108.6201

■ 46.2188, 40.0950,
5.3031

Harmonies

Analogous

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



68.9697, 62.8722, 40.3125



61.5738, 62.8722, 34.8769



54.2735, 62.8722, 36.8027

Triad

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



61.5738, 62.8722, 34.8769



47.3337, 62.8722, 85.9852



72.1291, 62.8722, 96.7889

Complementary

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



61.5738, 62.8722, 34.8769



42.6803, 43.8521, 87.1038

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.



65.6004, 62.8722, 114.4566



61.5738, 62.8722, 34.8769



51.4056, 62.8722, 107.3566

Square

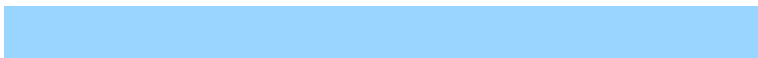
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.5738, 62.8722, 34.8769



46.4529, 62.8722, 63.4370



57.9785, 62.8722, 118.6846



75.3885, 62.8722, 73.7354

Rectangle

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



61.5738, 62.8722, 34.8769



50.3916, 62.8722, 42.2481



57.9785, 62.8722, 118.6846



70.2189, 62.8722, 103.7373

Sweetspot

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



61.5754, 62.8751, 34.8782



87.0178, 91.2014, 83.8231



53.2617, 41.0943, 47.9946



18.4507, 19.3251, 17.4098



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.



61.5754, 62.8751, 34.8782



68.4709, 68.9922, 31.7537



67.1850, 79.4497, 37.7817



16.6050, 17.4231, 16.6375



25.9132, 22.6245, 3.0012



2.2504, 2.0714, 0.2812

Inverse Universe

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



42.6803, 43.8521, 87.1038



43.5182, 43.8908, 100.7859



38.5980, 32.6970, 85.1658



15.3741, 16.1823, 20.0348



10.6548, 7.5338, 46.0205



0.9783, 0.8106, 3.8591

Previews

White Background



This preview shows how the XYZ color 61.5738, 62.8722, 34.8769 looks on a white background.

Color Contrast Check

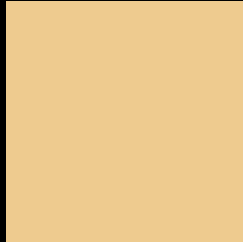
Large Text (above 18pt) WCAG AA × Fail

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 61.5738, 62.8722, 34.8769 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 61.5738, 62.8722, 34.8769

Background



This preview shows how black text looks on a background with the XYZ color 61.5738, 62.8722, 34.8769.



This preview shows how white text looks on a background with the XYZ color 61.5738, 62.8722,

34.8769.

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

61.5738, 62.8722, 34.8769

Protanopia

58.4072, 63.0034, 35.8705

Deuteranopia

64.1689, 62.8169, 35.1284



Tritanopia

68.5808, 62.6492, 69.4507

Trichromacy



Original Color

61.5738, 62.8722, 34.8769

Protanomaly

59.4184, 62.8142, 35.3782

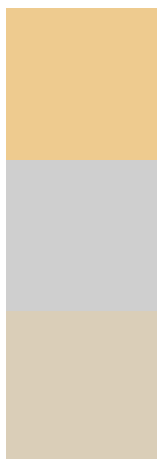
Deuteranomaly

62.9965, 62.5553, 35.1397

Tritanomaly

65.4471, 62.3549, 55.0406

Monochromacy



Original Color

61.5738, 62.8722, 34.8769

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6365, 62.5087, 54.2696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5738, 62.8722, 34.8769 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, 203, 143)` looks like.

```
.text, #text, p{  
    color:rgb(238, 203, 143)  
}
```

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, 203, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 203, 143) }
```

Border

The CSS property to change the border of an element to XYZ 61.5738, 62.8722, 34.8769 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, 203, 143) }
```


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

```
.border{ border-color:rgb(238, 203, 143) }
```

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

Here you see how a box with a 4 pixel rgb(238, 203, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 203, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 203, 143);  
box-shadow:4px 4px 4px 4px rgb(238, 203,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5738, 62.8722, 34.8769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 203, 143) }
```

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

```
.background{ background-color: rgb(238,  
203, 143) }
```

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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