

Converting Colors

XYZ(63.0483, 64.5245, 38.5501)

Have a look what the booklet for
XYZ(63.0483, 64.5245, 38.5501)
contains.

XYZ(62.9171, 64.5541, 38.4223)	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(62.9171, 64.5541,
38.4223)**

Conversions

Conversions Part 1

Format	Color
Hex	EECE97
RGB	238, 206, 151
RGB Percent	93%, 81%, 59%
CMY	0.0667, 0.1921, 0.4078
CMYK	0.00, 0.13, 0.37, 0.07
HSL	38°, 72%, 76%
HSV	38°, 37%, 93%
XYZ	62.9171, 64.5541, 38.4223
YIQ	209.2980, 36.7270, -10.3210

Conversions

Conversions Part 2

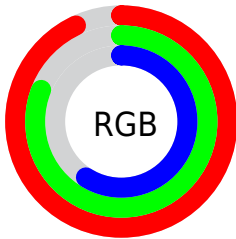
Format	Color
R _Y B	202, 238, 151
Decimal	15650455
CIE Lab	84.25, 3.63, 31.52
CIE LCh	84, 31.728, 83.426
Yxy	64.5541, 0.3793, 0.3891
Android (android.graphics.Color)	4293840535 (0xFFEECE97)
YUV	209.2980, -28.7409, 25.1717
Hunter-Lab	80.3456, -0.8248, 27.8886

Details

The XYZ color **62.9171, 64.5541, 38.4223** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.1281, 46.6179, 87.5085**, and the grayscale version is **60.9654, 64.1403, 69.8488**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **32.5364, 33.1811, 16.4941** is the 20% darker color. If you saturate the color by 10%, you get **59.1277, 59.7624, 28.5667**, and if you desaturate by 10%, it is **67.2173, 69.7425, 50.3745**.

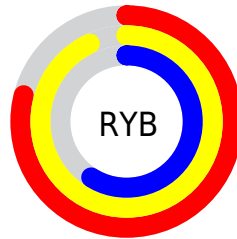
Distribution



Red (93%)

Green (81%)

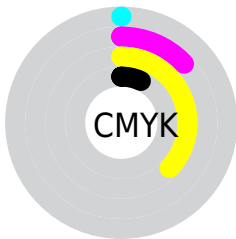
Blue (59%)



Red (79%)

Yellow (93%)

Blue (59%)

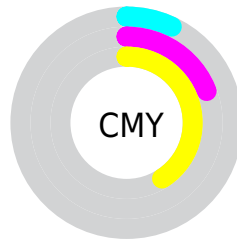


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9171, 64.5541, 38.4223 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 62.9171, 64.5541, 38.4223 by changing the saturation by 10% instead.

62.9171, 64.5541,
38.4223

62.9171, 64.5541,
38.4223

424.9330,
441.1879, 354.7804

46.0325, 47.0996,
26.0062

108.1324,
111.4085, 73.9655

32.4762, 33.1144,
16.6025

137.1938,
141.5773, 97.9298

21.8828, 22.2141,
9.7925

171.0449,
176.7529, 126.5806

13.8869, 14.0143,
5.1578

210.0511,
217.3198, 160.3363

8.1232, 8.1306,
2.2798

254.5776,
263.6623, 199.6157

4.2264, 4.1786,
0.7199

304.9899,

1.8310, 1.7740,

316.1649, 244.8371

0.0000

361.6532,
375.2120, 296.4192

■ 0.5362, 0.4709,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9171, 64.5541,
38.4223

■ 62.9171, 64.5541,
38.4223

■ 59.1277, 59.7624,
28.5667

■ 67.2173, 69.7425,
50.3745

■ 55.8187, 55.3453,
20.6788

■ 72.0470, 75.3311,
64.5340

■ 52.9637, 51.2915,
14.6213

■ 77.4296, 81.3345,
81.0082

■ 50.5310, 47.5850,
10.2376

■ 83.3856, 87.7636,
99.8966

■ 48.4838, 44.2079,
7.3442

■ 87.4237, 93.6248,
108.0714

■ 46.7765, 41.1385,
5.7107

■ 89.0699, 96.9171,
108.6201

■ 46.2421, 40.1415,
5.3109

Harmonies

Analogous

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



69.7673, 64.5541, 43.5611



62.9171, 64.5541, 38.4223



56.1390, 64.5541, 40.4187

Triad

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



62.9171, 64.5541, 38.4223



49.7724, 64.5541, 86.8268



72.8631, 64.5541, 95.9666

Complementary

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



62.9171, 64.5541, 38.4223



45.1281, 46.6179, 87.5085

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.



66.8882, 64.5541, 112.1220



62.9171, 64.5541, 38.4223



53.6508, 64.5541, 106.1803

Square

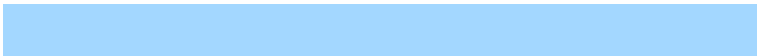
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9171, 64.5541, 38.4223



48.8860, 64.5541, 65.9495



59.8224, 64.5541, 116.1780



75.7861, 64.5541, 74.8136

Rectangle

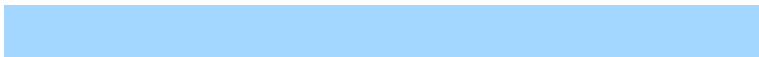
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9171, 64.5541, 38.4223



52.5273, 64.5541, 45.7585



59.8224, 64.5541, 116.1780



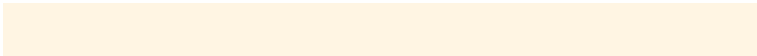
71.1240, 64.5541, 102.3134

Sweetspot

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



62.9187, 64.5571, 38.4236



87.6553, 91.9173, 85.7588



55.0154, 43.7865, 51.0927



18.5788, 19.4698, 17.7961



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.



62.9187, 64.5571, 38.4236



70.1631, 71.1977, 35.9518



68.1080, 79.8530, 41.1025



16.6058, 17.4248, 16.6378



25.9261, 22.6503, 3.0055



2.2514, 2.0735, 0.2816

Inverse Universe

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



45.1281, 46.6179, 87.5085



46.4965, 47.3486, 101.2963



41.2281, 35.8998, 85.6453



15.3733, 16.1807, 20.0345



10.6480, 7.5203, 46.0182



0.9777, 0.8094, 3.8589

Previews

White Background



This preview shows how the XYZ color 62.9171, 64.5541, 38.4223 looks on a white background.

Color Contrast Check

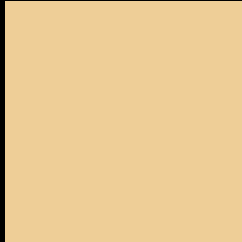
Large Text (above 18pt) WCAG AA × Fail

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 62.9171, 64.5541, 38.4223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

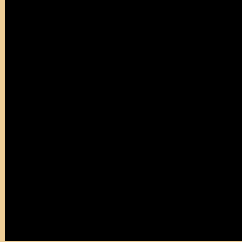
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9171, 64.5541, 38.4223

Background



This preview shows how black text looks on a background with the XYZ color 62.9171, 64.5541, 38.4223.



This preview shows how white text looks on a background with the XYZ color 62.9171, 64.5541,

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

62.9171, 64.5541, 38.4223

Protanopia

60.1604, 64.5618, 39.4279

Deuteranopia

65.6211, 64.1800, 38.6351



Tritanopia

69.8605, 64.6047, 71.7387

Trichromacy



Original Color

62.9171, 64.5541, 38.4223

Protanomaly

61.1011, 64.6909, 38.9720

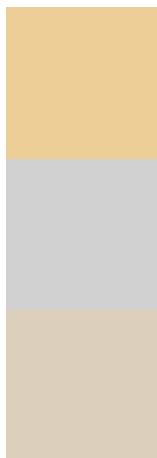
Deuteranomaly

64.6796, 64.3913, 38.7256

Tritanomaly

66.7989, 64.3682, 57.6188

Monochromacy



Original Color

62.9171, 64.5541, 38.4223

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1482, 63.9582, 56.6993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9171, 64.5541, 38.4223 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, 206, 151)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 151)  
}
```

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, 206, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 151) }
```

Border

The CSS property to change the border of an element to XYZ 62.9171, 64.5541, 38.4223 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, 206, 151) }
```


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

```
.border{ border-color:rgb(238, 206, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 206, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 206, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 206, 151); box-shadow:4px 4px 4px 4px rgb(238, 206, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9171, 64.5541, 38.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 151) }
```

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

```
.background{ background-color: rgb(238,  
206, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor