

Converting Colors

XYZ(62.2856, 60.5338, 46.3095)

Have a look what the booklet for
XYZ(62.2856, 60.5338, 46.3095)
contains.

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Color

**XYZ(62.2555, 60.5593,
46.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC4AA
RGB	238, 196, 170
RGB Percent	93%, 77%, 67%
CMY	0.0667, 0.2313, 0.3333
CMYK	0.00, 0.18, 0.29, 0.07
HSL	23°, 67%, 80%
HSV	23°, 29%, 93%
XYZ	62.2555, 60.5593, 46.4381
YIQ	205.5940, 33.3780, 0.8180

Conversions

Conversions Part 2

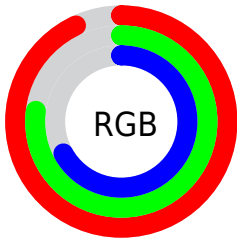
Format	Color
R _Y B	238, 212, 170
Decimal	15647914
CIE Lab	82.14, 11.20, 18.66
CIE LCh	82, 21.768, 59.023
Yxy	60.5593, 0.3678, 0.3578
Android (android.graphics.Color)	4293837994 (0xFFEEC4AA)
YUV	205.5940, -17.5478, 28.4201
Hunter-Lab	77.8199, 6.6144, 19.0933

Details

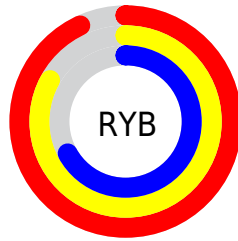
The XYZ color **62.2555, 60.5593, 46.4381** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5529, 61.8041, 89.8905**, and the grayscale version is **58.5017, 61.5483, 67.0261**.

A 20% lighter version of the original color is **89.9559, 96.9468, 85.2056**, and **31.9991, 30.4778, 21.3358** is the 20% darker color. If you saturate the color by 10%, you get **57.0505, 53.4318, 34.5829**, and if you desaturate by 10%, it is **68.1961, 68.5050, 60.5507**.

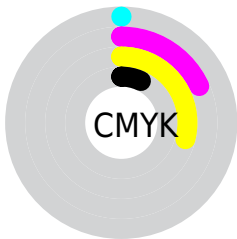
Distribution



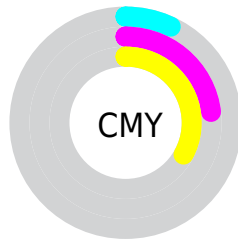
- Red (93%)
- Green (77%)
- Blue (67%)



- Red (93%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2555, 60.5593, 46.4381 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 62.2555, 60.5593, 46.4381 by changing the saturation by 10% instead.


 62.2555, 60.5593,
46.4381

 62.2555, 60.5593,
46.4381


422.5652,
426.6563, 388.8958

 45.4956, 43.8696,
32.2405


 107.1826,
105.6406, 86.2155

 32.0509, 30.5680,
21.2789

136.0804,
134.8009, 112.6323

 21.5561, 20.2701,
13.1348


169.7549,
168.8870, 143.9593

 13.6459, 12.5916,
7.3896

208.5715,
208.2831, 180.6150

 7.9548, 7.1479,
3.6248

252.8954,
253.3737, 223.0180

 4.1176, 3.5548,
1.4219

303.0921,

 1.7689, 1.4278,

304.5432, 271.5868

0.1587

359.5269,
362.1759, 326.7398

■ 0.4988, 0.2371,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2555, 60.5593,
46.4381

■ 62.2555, 60.5593,
46.4381

■ 57.0505, 53.4318,
34.5829

■ 68.1961, 68.5050,
60.5507

■ 52.5450, 47.0869,
24.8623

■ 74.8969, 77.2866,
77.0270

■ 48.7069, 41.4981,
17.1476

■ 82.3870, 86.9316,
95.9712

■ 45.4991, 36.6344,
11.2941

■ 89.0059, 96.7890,
108.5988

■ 42.8804, 32.4620,
7.1379

■ 89.0699, 96.9172,
108.6201

■ 40.8033, 28.9437,
4.4853

■ 39.2033, 26.0341,
3.0565

■ 39.0025, 25.6624,
2.8977

Harmonies

Analogous

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



65.6847, 60.5593, 54.3468



62.2555, 60.5593, 46.4381



57.7115, 60.5593, 43.6267

Triad

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



62.2555, 60.5593, 46.4381



49.1245, 60.5593, 65.5058



61.9794, 60.5593, 90.7886

Complementary

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



62.2555, 60.5593, 46.4381



55.5529, 61.8041, 89.8905

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.



57.4084, 60.5593, 94.7967



62.2555, 60.5593, 46.4381



50.1342, 60.5593, 79.0719

Square

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



62.2555, 60.5593, 46.4381



50.2725, 60.5593, 53.6888



53.1064, 60.5593, 90.2526



65.5193, 60.5593, 79.9234

Rectangle

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



62.2555, 60.5593, 46.4381



54.7118, 60.5593, 44.6876



53.1064, 60.5593, 90.2526



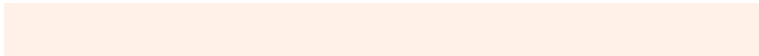
60.5050, 60.5593, 93.0420

Sweetspot

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



62.2571, 60.5621, 46.4393



87.2166, 89.8971, 89.1362



61.6538, 51.7347, 69.7319



18.4121, 18.9087, 18.4427



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.



62.2571, 60.5621, 46.4393



69.3291, 66.0848, 46.2941



70.5168, 77.0814, 49.1926



16.2683, 16.7497, 16.5253



21.8750, 14.5481, 1.6551



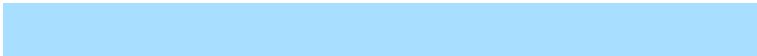
1.9131, 1.3968, 0.1688

Inverse Universe

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



55.5529, 61.8041, 89.8905



60.3421, 67.7373, 104.5020



48.1443, 46.9868, 87.4209



15.7102, 16.8545, 20.1468



14.5582, 15.3406, 47.3216



1.3069, 1.4678, 3.9687

Previews

White Background



This preview shows how the XYZ color 62.2555, 60.5593, 46.4381 looks on a white background.

Color Contrast Check

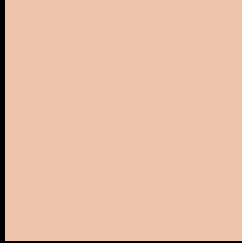
Large Text (above 18pt) WCAG AA × Fail

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 62.2555, 60.5593, 46.4381 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 62.2555, 60.5593, 46.4381

Background



This preview shows how black text looks on a background with the XYZ color 62.2555, 60.5593, 46.4381.



This preview shows how white text looks on a background with the XYZ color 62.2555, 60.5593,

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

62.2555, 60.5593, 46.4381

Protanopia

57.2572, 60.6888, 48.7407

Deuteranopia

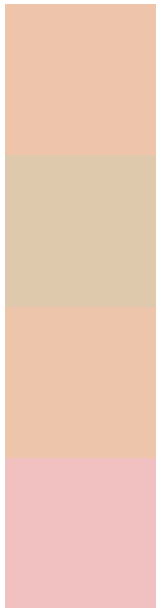
61.8140, 60.6677, 46.4823



Tritanopia

66.3893, 60.5951, 66.5894

Trichromacy



Original Color

62.2555, 60.5593, 46.4381

Protanomaly

58.8609, 60.4784, 48.1064

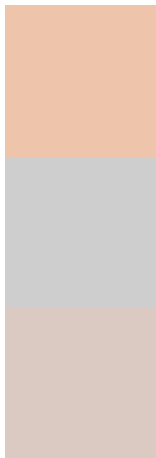
Deuteranomaly

62.1470, 60.8393, 46.4979

Tritanomaly

64.9712, 60.6910, 58.7422

Monochromacy



Original Color

62.2555, 60.5593, 46.4381

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.6596, 60.9967, 59.0812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2555, 60.5593, 46.4381 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 196, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 196, 170) }
```

Border

The CSS property to change the border of an element to XYZ 62.2555, 60.5593, 46.4381 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, 170) }
```


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

```
.border{ border-color:rgb(238, 196, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 196, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 196, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 196,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2555, 60.5593, 46.4381 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, 170) }
```

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

```
.background{ background-color: rgb(238,  
196, 170) }
```

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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