

Converting Colors

XYZ(63.0792, 62.2448, 46.7744)

Have a look what the booklet for
XYZ(63.0792, 62.2448, 46.7744)
contains.

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Color

**XYZ(63.1699, 62.3880,
46.7429)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC8AA
RGB	238, 200, 170
RGB Percent	93%, 78%, 67%
CMY	0.0667, 0.2157, 0.3333
CMYK	0.00, 0.16, 0.29, 0.07
HSL	26°, 67%, 80%
HSV	26°, 29%, 93%
XYZ	63.1699, 62.3880, 46.7429
YIQ	207.9420, 32.2780, -1.2740

Conversions

Conversions Part 2

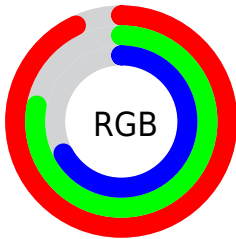
Format	Color
R _Y B	238, 224, 170
Decimal	15648938
CIE Lab	83.12, 9.10, 20.02
CIE LCh	83, 21.994, 65.548
Yxy	62.3880, 0.3666, 0.3621
Android (android.graphics.Color)	4293839018 (0xFFEEC8AA)
YUV	207.9420, -18.7054, 26.3609
Hunter-Lab	78.9861, 4.5315, 20.2032

Details

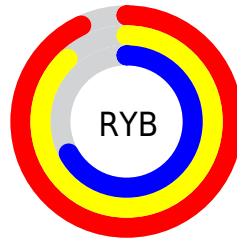
The XYZ color **63.1699, 62.3880, 46.7429** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.5655, 59.8291, 89.5614**, and the grayscale version is **60.0208, 63.1465, 68.7666**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **32.6050, 31.6895, 21.5378** is the 20% darker color. If you saturate the color by 10%, you get **58.1724, 55.6755, 34.9569**, and if you desaturate by 10%, it is **68.8462, 69.8051, 60.7674**.

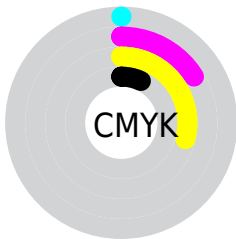
Distribution



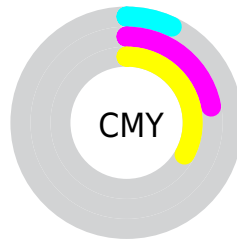
- Red (93%)
- Green (78%)
- Blue (67%)



- Red (93%)
- Yellow (88%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1699, 62.3880, 46.7429 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 63.1699, 62.3880, 46.7429 by changing the saturation by 10% instead.


 63.1699, 62.3880,
46.7429

 63.1699, 62.3880,
46.7429

425.8357,
433.3450, 390.1514

 46.2378, 45.3463,
32.4796


 108.4950,
108.2861, 86.6757

 32.6390, 31.7303,
21.4602


137.6188,
137.9113, 113.1822

 22.0079, 21.1556,
13.2663


171.5372,
172.4997, 144.6069

 13.9794, 13.2378,
7.4793

210.6155,
212.4359, 181.3683

 8.1879, 7.5925,
3.6807

255.2192,
258.1041, 223.8848

 4.2682, 3.8353,
1.4518

305.7135,

 1.8550, 1.5819,

309.8887, 272.5752

0.1817

362.4639,
368.1742, 327.8579

■ 0.5505, 0.3453,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1699, 62.3880,
46.7429

■ 63.1699, 62.3880,
46.7429

■ 58.1724, 55.6755,
34.9569

■ 68.8462, 69.8051,
60.7674

■ 53.8200, 49.6367,
25.2873

■ 75.2233, 77.9394,
77.1359

■ 50.0832, 44.2506,
17.6063

■ 82.3282, 86.8140,
95.9517

■ 46.9279, 39.4917,
11.7704

■ 88.4982, 95.7736,
108.4295

■ 44.3157, 35.3325,
7.6163

■ 89.0700, 96.9172,
108.6201

■ 42.2027, 31.7423,
4.9517

■ 40.5278, 28.6829,
3.4980

■ 40.3133, 28.2839,
3.3346

Harmonies

Analogous

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



67.0653, 62.3880, 53.7942



63.1699, 62.3880, 46.7429



58.4169, 62.3880, 45.0267

Triad

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



63.1699, 62.3880, 46.7429



50.6421, 62.3880, 70.4974



64.7831, 62.3880, 91.5814

Complementary

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



63.1699, 62.3880, 46.7429



54.5655, 59.8291, 89.5614

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.



60.1878, 62.3880, 97.5208



63.1699, 62.3880, 46.7429



52.1547, 62.3880, 84.3475

Square

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



63.1699, 62.3880, 46.7429



51.3461, 62.3880, 57.6419



55.5875, 62.3880, 94.7110



68.0311, 62.3880, 79.3746

Rectangle

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



63.1699, 62.3880, 46.7429



55.4355, 62.3880, 46.9084



55.5875, 62.3880, 94.7110



63.3357, 62.3880, 94.4465

Sweetspot

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



63.1715, 62.3909, 46.7442



87.6173, 90.6985, 89.2698



61.0861, 51.5077, 66.7421



18.5106, 19.1056, 18.4755



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.



63.1715, 62.3909, 46.7442



70.5413, 68.5093, 46.6982



71.7872, 79.6222, 49.6161



16.3468, 16.9067, 16.5515



22.6149, 16.0278, 1.9017



1.9789, 1.5284, 0.1907

Inverse Universe

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



54.5655, 59.8291, 89.5614



59.0092, 65.0715, 104.0577



47.2502, 45.1985, 87.1230



15.6299, 16.6938, 20.1201



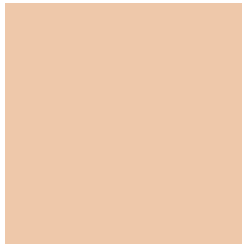
13.4191, 13.0624, 46.9419



1.2153, 1.2846, 3.9381

Previews

White Background



This preview shows how the XYZ color 63.1699, 62.3880, 46.7429 looks on a white background.

Color Contrast Check

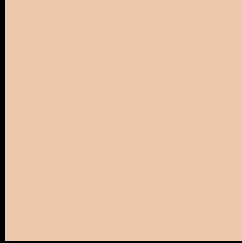
Large Text (above 18pt) WCAG AA × Fail

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 63.1699, 62.3880, 46.7429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

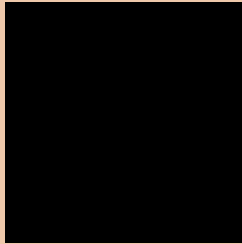
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1699, 62.3880, 46.7429

Background



This preview shows how black text looks on a background with the XYZ color 63.1699, 62.3880, 46.7429.



This preview shows how white text looks on a background with the XYZ color 63.1699, 62.3880,

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

63.1699, 62.3880, 46.7429

Protanopia

59.0691, 62.7028, 48.5247

Deuteranopia

63.6143, 62.2744, 46.6975



Tritanopia

67.5426, 62.1140, 69.4021

Trichromacy



Original Color

63.1699, 62.3880, 46.7429

Protanomaly

60.4033, 62.3330, 47.8776

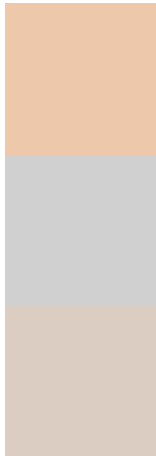
Deuteranomaly

63.2757, 62.0998, 46.6817

Tritanomaly

65.8659, 62.1208, 60.1488

Monochromacy



Original Color

63.1699, 62.3880, 46.7429

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.7823, 62.6178, 59.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1699, 62.3880, 46.7429 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 200, 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, 200, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 200, 170) }
```

Border

The CSS property to change the border of an element to XYZ 63.1699, 62.3880, 46.7429 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, 170) }
```


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

```
.border{ border-color:rgb(238, 200, 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, 200, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 200, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 200, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 200,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1699, 62.3880, 46.7429 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, 170) }
```

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

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