

Converting Colors

XYZ(62.0412, 59.6869, 44.9465)

Have a look what the booklet for
XYZ(62.0412, 59.6869, 44.9465)
contains.

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Color

**XYZ(62.2020, 59.8989,
44.8425)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C2A7
RGB	240, 194, 167
RGB Percent	94%, 76%, 65%
CMY	0.0588, 0.2392, 0.3451
CMYK	0.00, 0.19, 0.30, 0.06
HSL	22°, 71%, 80%
HSV	22°, 30%, 94%
XYZ	62.2020, 59.8989, 44.8425
YIQ	204.6760, 36.0830, 1.3550

Conversions

Conversions Part 2

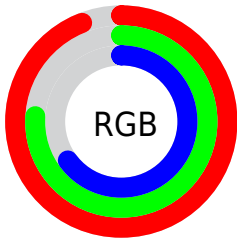
Format	Color
R _Y B	240, 210, 167
Decimal	15778471
CIE Lab	81.78, 12.62, 19.79
CIE LCh	82, 23.473, 57.469
Yxy	59.8989, 0.3726, 0.3588
Android (android.graphics.Color)	4293968551 (0xFFFF0C2A7)
YUV	204.6760, -18.5743, 30.9791
Hunter-Lab	77.3944, 8.0206, 19.8233

Details

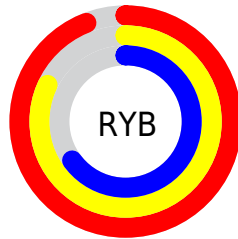
The XYZ color **62.2020, 59.8989, 44.8425** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.4580, 62.0932, 91.5003**, and the grayscale version is **57.9220, 60.9385, 66.3620**.

A 20% lighter version of the original color is **88.9220, 95.5283, 82.8594**, and **32.0010, 30.0613, 20.3354** is the 20% darker color. If you saturate the color by 10%, you get **56.9902, 52.7024, 33.1561**, and if you desaturate by 10%, it is **68.1712, 67.9506, 58.8139**.

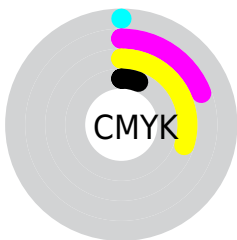
Distribution



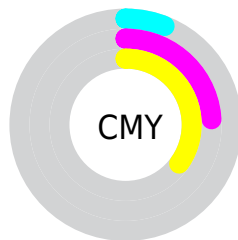
- Red (94%)
- Green (76%)
- Blue (65%)



- Red (94%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2020, 59.8989, 44.8425 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 62.2020, 59.8989, 44.8425 by changing the saturation by 10% instead.


 62.2020, 59.8989,
44.8425


 62.2020, 59.8989,
44.8425


422.3734,
424.2250, 382.2768

 45.4522, 43.3371,
30.9913


 107.1057,
104.6830, 83.8000

 32.0165, 30.1497,
20.3338


 135.9903,
133.6741, 109.7433

 21.5297, 19.9523,
12.4515


169.6505,
167.5772, 140.5545

 13.6264, 12.3604,
6.9257

208.4517,
206.7765, 176.6521

 7.9413, 6.9896,
3.3379

252.7592,
251.6566, 218.4546

 4.1089, 3.4556,
1.2697

302.9384,

 1.7639, 1.3740,

302.6018, 266.3805

0.0367

359.3547,
359.9965, 320.8484

■ 0.4958, 0.1974,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2020, 59.8989,
44.8425

■ 62.2020, 59.8989,
44.8425

■ 56.9902, 52.7024,
33.1561

■ 68.1712, 67.9506,
58.8139

■ 52.4981, 46.3234,
23.6276

■ 74.9239, 76.8771,
75.1810

■ 48.6916, 40.7331,
16.1228

■ 82.4907, 86.7078,
94.0512

■ 45.5314, 35.8980,
10.4907

■ 89.5835, 96.9420,
108.5979

■ 42.9737, 31.7814,
6.5590

■ 89.7452, 97.2653,
108.6517

■ 40.9677, 28.3427,
4.1222

■ 39.4896, 25.6341,
2.8665

Harmonies

Analogous

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



65.7957, 59.8989, 53.4435



62.2020, 59.8989, 44.8425



57.3532, 59.8989, 41.6143

Triad

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



62.2020, 59.8989, 44.8425



47.9482, 59.8989, 64.0242



61.4335, 59.8989, 92.4993

Complementary

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



62.2020, 59.8989, 44.8425



55.4580, 62.0932, 91.5003

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.



56.5131, 59.8989, 96.3963



62.2020, 59.8989, 44.8425



48.9026, 59.8989, 78.6100

Square

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



62.2020, 59.8989, 44.8425



49.2831, 59.8989, 51.6397



51.9686, 59.8989, 90.9892



65.3343, 59.8989, 80.9934

Rectangle

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



62.2020, 59.8989, 44.8425



54.1241, 59.8989, 42.5325



51.9686, 59.8989, 90.9892



59.8356, 59.8989, 94.8093

Sweetspot

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



62.2036, 59.9017, 44.8437



87.1319, 89.7276, 89.1080



61.7942, 50.9793, 69.6897



18.3913, 18.8671, 18.4358



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.



62.2036, 59.9017, 44.8437



67.8714, 63.9167, 43.5043



71.2816, 78.0577, 47.8697



16.2517, 16.7165, 16.5198



21.7337, 14.2656, 1.6080



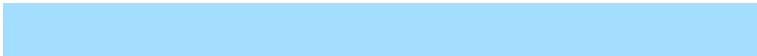
1.9001, 1.3709, 0.1645

Inverse Universe

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



55.4580, 62.0932, 91.5003



59.0623, 66.7618, 104.3811



47.3347, 45.8466, 88.7926



15.7273, 16.8888, 20.1525



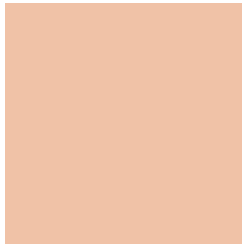
14.8184, 15.8611, 47.4084



1.3275, 1.5091, 3.9755

Previews

White Background



This preview shows how the XYZ color 62.2020, 59.8989, 44.8425 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 62.2020, 59.8989, 44.8425 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 62.2020, 59.8989, 44.8425

Background



This preview shows how black text looks on a background with the XYZ color 62.2020, 59.8989, 44.8425.



This preview shows how white text looks on a background with the XYZ color 62.2020, 59.8989,

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

62.2020, 59.8989, 44.8425

Protanopia

56.4382, 59.9483, 47.1246

Deuteranopia

61.3071, 60.1027, 44.9290



Tritanopia

66.2853, 59.9401, 64.5759

Trichromacy



Original Color

62.2020, 59.8989, 44.8425

Protanomaly

58.3414, 59.8988, 46.5169

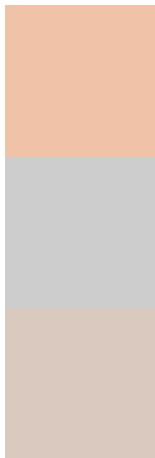
Deuteranomaly

61.4152, 59.8248, 44.8696

Tritanomaly

64.8872, 60.0340, 56.8830

Monochromacy



Original Color

62.2020, 59.8989, 44.8425

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.2041, 60.4403, 57.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2020, 59.8989, 44.8425 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(240, 194, 167)` looks like.

```
.text, #text, p{  
    color:rgb(240, 194, 167)  
}
```

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(240, 194, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 194, 167) }
```

Border

The CSS property to change the border of an element to XYZ 62.2020, 59.8989, 44.8425 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(240, 194, 167) }
```


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

```
.border{ border-color:rgb(240, 194, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 194, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 194, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 194, 167);  
box-shadow:4px 4px 4px 4px rgb(240, 194,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2020, 59.8989, 44.8425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 194, 167) }
```

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

```
.background{ background-color: rgb(240,  
194, 167) }
```

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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