

Converting Colors

XYZ(61.9565, 59.4850, 42.8666)

Have a look what the booklet for
XYZ(61.9565, 59.4850, 42.8666)
contains.

XYZ(61.9565, 59.4850, 42.8666)	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(61.9565, 59.4850,
42.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C1A3
RGB	241, 193, 163
RGB Percent	95%, 76%, 64%
CMY	0.0549, 0.2431, 0.3608
CMYK	0.00, 0.20, 0.32, 0.05
HSL	23°, 74%, 79%
HSV	23°, 32%, 95%
XYZ	61.9565, 59.4850, 42.8666
YIQ	203.9320, 38.2380, 0.8460

Conversions

Conversions Part 2

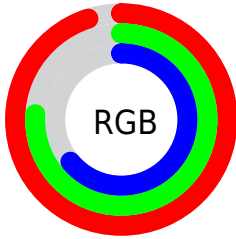
Format	Color
R_{YB}	241, 212, 163
Decimal	15843747
CIE Lab	81.56, 13.02, 21.62
CIE LCh	82, 25.240, 58.935
Yxy	59.4850, 0.3771, 0.3620
Android (android.graphics.Color)	4294033827 (0xFFFF1C1A3)
YUV	203.9320, -20.1795, 32.5086
Hunter-Lab	77.1265, 8.4194, 21.0354

Details

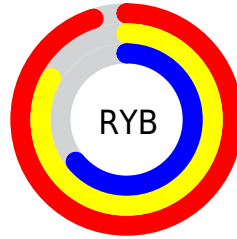
The XYZ color **61.9565, 59.4850, 42.8666** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.2751, 60.7242, 92.0798**, and the grayscale version is **57.4594, 60.4517, 65.8319**.

A 20% lighter version of the original color is **87.7706, 94.0733, 79.8616**, and **31.8690, 29.8033, 19.1119** is the 20% darker color. If you saturate the color by 10%, you get **56.8843, 52.4731, 31.5186**, and if you desaturate by 10%, it is **67.7720, 67.3245, 56.4937**.

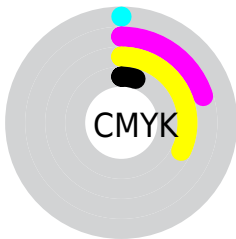
Distribution



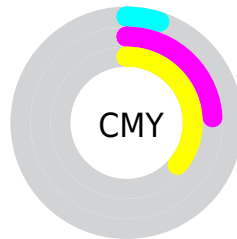
- Red (95%)
- Green (76%)
- Blue (64%)



- Red (95%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (5%)




- Cyan (5%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9565, 59.4850, 42.8666 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 61.9565, 59.4850, 42.8666 by changing the saturation by 10% instead.


 61.9565, 59.4850,
42.8666


 61.9565, 59.4850,
42.8666


421.4925,
422.6969, 373.9680

 45.2530, 43.0037,
29.4498


 106.7530,
104.0822, 80.7937

 31.8589, 29.8880,
19.1729


 135.5766,
132.9669, 106.1411

 21.4088, 19.7536,
11.6172


169.1711,
166.7548, 136.3025

 13.5373, 12.2161,
6.3642


207.9017,
205.8304, 171.6964

 7.8791, 6.8910,
2.9954

252.1338,
250.5780, 212.7414

 4.0688, 3.3940,
1.0923

302.2327,

 1.7411, 1.3407,

301.3820, 259.8559

0.0000

358.5638,
358.6268, 313.4586

■ 0.4818, 0.1724,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9565, 59.4850,
42.8666

■ 61.9565, 59.4850,
42.8666

■ 56.8843, 52.4731,
31.5186

■ 67.7720, 67.3245,
56.4937

■ 52.5178, 46.2520,
22.3194

■ 74.3571, 76.0104,
72.5131

■ 48.8226, 40.7937,
15.1309

■ 81.7422, 85.5712,
91.0346

■ 45.7591, 36.0656,
9.7973

■ 89.2378, 95.7448,
108.3850

■ 43.2828, 32.0318,
6.1393

■ 90.0858, 97.4408,
108.6677

■ 41.3416, 28.6525,
3.9412

■ 40.1645, 26.4782,
2.9939

Harmonies

Analogous

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



65.9248, 59.4850, 51.6620



61.9565, 59.4850, 42.8666



56.7282, 59.4850, 39.7722

Triad

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



61.9565, 59.4850, 42.8666



46.9584, 59.4850, 64.2284



61.6087, 59.4850, 93.7839

Complementary

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



61.9565, 59.4850, 42.8666



54.2751, 60.7242, 92.0798

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.



56.3496, 59.4850, 98.5131



61.9565, 59.4850, 42.8666



48.0887, 59.4850, 79.9243

Square

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



61.9565, 59.4850, 42.8666



48.2588, 59.4850, 50.8586



51.4463, 59.4850, 93.0918



65.7153, 59.4850, 81.0094

Rectangle

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



61.9565, 59.4850, 42.8666



53.2991, 59.4850, 40.9192



51.4463, 59.4850, 93.0918



59.9070, 59.4850, 96.4478

Sweetspot

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



61.9580, 59.4878, 42.8678



86.4099, 88.8594, 87.0926



61.1438, 49.6040, 68.0462



18.2514, 18.7019, 18.0356



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.



61.9580, 59.4878, 42.8678



66.4514, 62.1424, 39.7454



71.7154, 79.0025, 46.1203



16.2713, 16.7557, 16.5263



21.9010, 14.6001, 1.6638



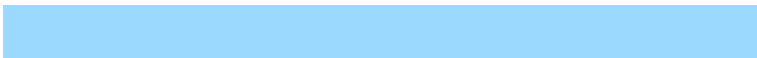
1.9154, 1.4015, 0.1696

Inverse Universe

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



54.2751, 60.7242, 92.0798



56.4203, 63.7369, 103.9365



45.7537, 43.6813, 89.2393



15.7071, 16.8483, 20.1458



14.5120, 15.2483, 47.3062



1.3033, 1.4605, 3.9674

Previews

White Background



This preview shows how the XYZ color 61.9565, 59.4850, 42.8666 looks on a white background.

Color Contrast Check

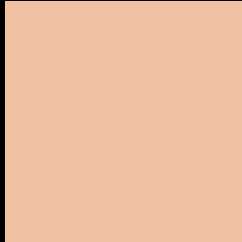
Large Text (above 18pt) WCAG AA × Fail

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 61.9565, 59.4850, 42.8666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

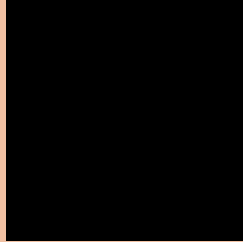
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9565, 59.4850, 42.8666

Background



This preview shows how black text looks on a background with the XYZ color 61.9565, 59.4850, 42.8666.



This preview shows how white text looks on a background with the XYZ color 61.9565, 59.4850,

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

61.9565, 59.4850, 42.8666

Protanopia

56.2127, 59.5153, 45.5707

Deuteranopia

60.7180, 59.5074, 42.9362



Tritanopia

66.3001, 59.6432, 63.8950

Trichromacy



Original Color

61.9565, 59.4850, 42.8666

Protanomaly

58.0468, 59.4473, 44.4915

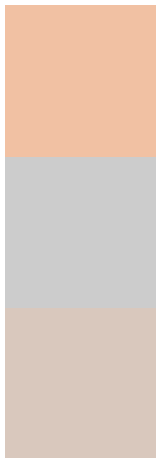
Deuteranomaly

61.1625, 59.4051, 42.8930

Tritanomaly

64.7988, 59.6908, 55.6832

Monochromacy



Original Color

61.9565, 59.4850, 42.8666

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.4549, 59.7344, 56.5931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9565, 59.4850, 42.8666 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(241, 193, 163)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 163)  
}
```

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(241, 193, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 163) }
```

Border

The CSS property to change the border of an element to XYZ 61.9565, 59.4850, 42.8666 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(241, 193, 163) }
```


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

```
.border{ border-color:rgb(241, 193, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 193, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 193, 163); box-shadow:4px 4px 4px 4px rgb(241, 193, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9565, 59.4850, 42.8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 163) }
```

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

```
.background{ background-color: rgb(241,  
193, 163) }
```

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