

Converting Colors

XYZ(62.4416, 59.6768, 53.9453)

Have a look what the booklet for
XYZ(62.4416, 59.6768, 53.9453)
contains.

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Color

**XYZ(62.6408, 59.9192,
54.1630)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ECC2B9 |
| RGB | 236, 194, 185 |
| RGB Percent | 93%, 76%, 73% |
| CMY | 0.0745, 0.2392, 0.2745 |
| CMYK | 0.00, 0.18, 0.22, 0.07 |
| HSL | 11°, 57%, 83% |
| HSV | 11°, 22%, 93% |
| XYZ | 62.6408, 59.9192, 54.1630 |
| YIQ | 205.5320, 27.9210, 6.1050 |

Conversions

Conversions Part 2

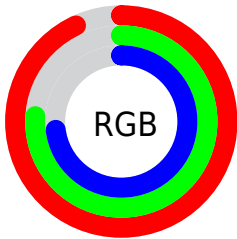
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 196, 185 |
| Decimal | 15516345 |
| CIE Lab | 81.79, 13.59, 10.14 |
| CIE LCh | 82, 16.960, 36.726 |
| Yxy | 59.9192, 0.3545, 0.3391 |
| Android (android.graphics.Color) | 4293706425 (0xFFECC2B9) |
| YUV | 205.5320, -10.1223, 26.7204 |
| Hunter-Lab | 77.4075, 8.9852, 12.6993 |

Details

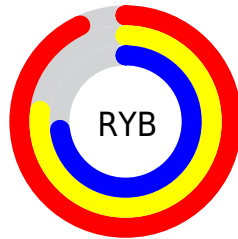
The XYZ color **62.6408, 59.9192, 54.1630** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.6164, 71.3067, 89.8206**, and the grayscale version is **58.4186, 61.4609, 66.9309**.

A 20% lighter version of the original color is **91.6144, 96.6052, 97.0372**, and **32.3653, 30.1254, 25.9387** is the 20% darker color. If you saturate the color by 10%, you get **56.3076, 50.9141, 40.7638**, and if you desaturate by 10%, it is **69.9564, 70.2264, 69.9312**.

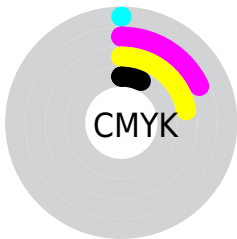
Distribution



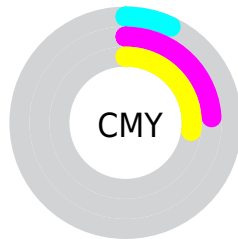
- Red (93%)
- Green (76%)
- Blue (73%)



- Red (93%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6408, 59.9192, 54.1630 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 62.6408, 59.9192, 54.1630 by changing the saturation by 10% instead.


 62.6408, 59.9192,
54.1630

 62.6408, 59.9192,
54.1630


423.9451,
424.2999, 419.9235

 45.8082, 43.3535,
38.3379


 107.7359,
104.7124, 97.7723

 32.2985, 30.1626,
25.9412


136.7291,
133.7088, 126.3937

 21.7463, 19.9620,
16.5543


170.5065,
167.6175, 160.1176

 13.7861, 12.3674,
9.7586

209.4336,
206.8229, 199.3625

 8.0528, 6.9944,
5.1357

253.8756,
251.7095, 244.5470

 4.1808, 3.4586,
2.2670

304.1980,

 1.8049, 1.3756,

302.6616, 296.0896

0.7126

360.7660,
360.0636, 354.4089

■ 0.5206, 0.1986,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6408, 59.9192,
54.1630

■ 62.6408, 59.9192,
54.1630

■ 56.3076, 50.9141,
40.7638

■ 69.9564, 70.2264,
69.9312

■ 50.9098, 43.1512,
29.6152

■ 78.2892, 81.8762,
88.1716

■ 46.4038, 36.5780,
20.5943

■ 87.5487, 94.8659,
108.3044

■ 42.7403, 31.1351,
13.5646

■ 88.4022, 96.5730,
108.5889

■ 39.8653, 26.7579,
8.3741

■ 37.7181, 23.3751,
4.8482

■ 36.2284, 20.9061,
2.7784

■ 35.4085, 19.4654,
1.8910

Harmonies

Analogous

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



64.0548, 59.9192, 62.9632



62.6408, 59.9192, 54.1630



59.7111, 59.9192, 48.7761

Triad

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



62.6408, 59.9192, 54.1630



50.8671, 59.9192, 57.7677



57.7603, 59.9192, 86.8120

Complementary

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



62.6408, 59.9192, 54.1630



62.6164, 71.3067, 89.8206

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.



54.2781, 59.9192, 85.0497



62.6408, 59.9192, 54.1630



50.3936, 59.9192, 67.5748

Square

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



62.6408, 59.9192, 54.1630



52.9388, 59.9192, 50.7001



51.6174, 59.9192, 77.7369



61.1618, 59.9192, 82.3279

Rectangle

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



62.6408, 59.9192, 54.1630



57.3450, 59.9192, 47.4943



51.6174, 59.9192, 77.7369



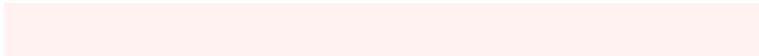
56.5597, 59.9192, 86.9370

Sweetspot

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



62.6424, 59.9219, 54.1642



88.7954, 91.2769, 95.1428



65.8759, 58.1052, 80.7793



18.8660, 19.3415, 20.0582



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.



62.6424, 59.9219, 54.1642



71.1411, 66.4179, 57.0439



68.6811, 71.9993, 56.1771



15.2805, 15.4840, 15.7021



19.5834, 10.8610, 1.0642



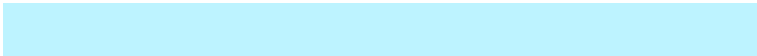
1.5999, 0.9771, 0.1043

Inverse Universe

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



62.6164, 71.3067, 89.8206



71.1006, 82.2779, 106.7416



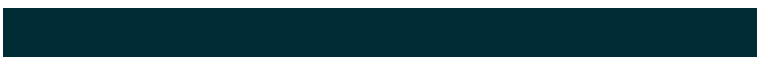
56.2691, 58.6122, 87.7049



15.2783, 16.6431, 19.3294



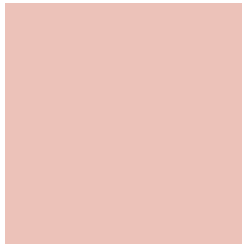
19.1064, 24.8598, 47.5344



1.5596, 2.0706, 3.7523

Previews

White Background



This preview shows how the XYZ color 62.6408, 59.9192, 54.1630 looks on a white background.

Color Contrast Check

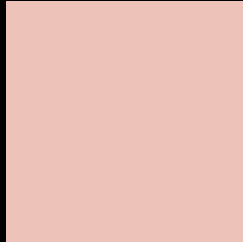
Large Text (above 18pt) WCAG AA × Fail

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 62.6408, 59.9192, 54.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

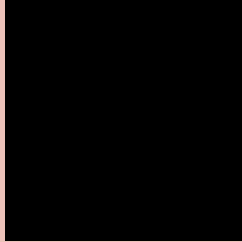
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6408, 59.9192, 54.1630

Background



This preview shows how black text looks on a background with the XYZ color 62.6408, 59.9192, 54.1630.



This preview shows how white text looks on a background with the XYZ color 62.6408, 59.9192,

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

62.6408, 59.9192, 54.1630

Protanopia

57.2285, 60.1312, 57.3054

Deuteranopia

61.1300, 59.8056, 54.2207



Tritanopia

65.0313, 59.8950, 66.5259

Trichromacy



Original Color

62.6408, 59.9192, 54.1630

Protanomaly

58.9448, 59.9995, 56.0513

Deuteranomaly

61.5508, 59.6888, 54.1760

Tritanomaly

63.9677, 59.7810, 61.5935

Monochromacy



Original Color

62.6408, 59.9192, 54.1630

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.9288, 61.0700, 62.0552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6408, 59.9192, 54.1630 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(236, 194, 185)` looks like.

```
.text, #text, p{  
    color:rgb(236, 194, 185)  
}
```

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(236, 194, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 194, 185) }
```

Border

The CSS property to change the border of an element to XYZ 62.6408, 59.9192, 54.1630 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(236, 194, 185) }
```


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

```
.border{ border-color:rgb(236, 194, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 194, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 194, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 194, 185);  
box-shadow:4px 4px 4px 4px rgb(236, 194,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6408, 59.9192, 54.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 194, 185) }
```

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

```
.background{ background-color: rgb(236,  
194, 185) }
```

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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