

Converting Colors

XYZ(61.2388, 60.9721, 59.1858)

Have a look what the booklet for
XYZ(61.2388, 60.9721, 59.1858)
contains.

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Color

**XYZ(61.3313, 61.1664,
59.0259)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C8C1
RGB	225, 200, 193
RGB Percent	88%, 78%, 76%
CMY	0.1176, 0.2157, 0.2431
CMYK	0.00, 0.11, 0.14, 0.12
HSL	13°, 35%, 82%
HSV	13°, 14%, 88%
XYZ	61.3313, 61.1664, 59.0259
YIQ	206.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

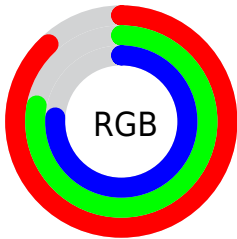
Format	Color
R _Y B	225, 202, 193
Decimal	14796993
CIE Lab	82.47, 7.64, 6.70
CIE LCh	82, 10.156, 41.250
Yxy	61.1664, 0.3379, 0.3370
Android (android.graphics.Color)	4292987073 (0xFFE1C8C1)
YUV	206.6770, -6.7428, 16.0693
Hunter-Lab	78.2090, 3.1137, 9.9989

Details

The XYZ color **61.3313, 61.1664, 59.0259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6540, 66.9152, 80.9539**, and the grayscale version is **59.1361, 62.2158, 67.7530**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **31.3747, 30.8862, 29.1190** is the 20% darker color. If you saturate the color by 10%, you get **55.1711, 52.5614, 45.5169**, and if you desaturate by 10%, it is **68.3448, 70.8655, 74.7047**.

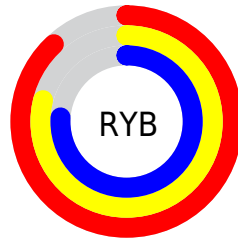
Distribution



Red (88%)

Green (78%)

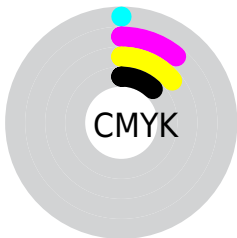
Blue (76%)



Red (88%)

Yellow (79%)

Blue (76%)

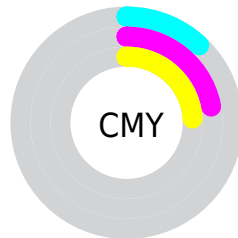


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3313, 61.1664, 59.0259 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 61.3313, 61.1664, 59.0259 by changing the saturation by 10% instead.

61.3313, 61.1664,
59.0259

61.3313, 61.1664,
59.0259

419.2442,
428.8839, 438.7024

44.7461, 44.3595,
42.2138

105.8539,
106.5198, 104.9448

31.4579, 30.9532,
28.9419

134.5220,
135.8351, 134.8887

21.1013, 20.5632,
18.7917

167.9486,
170.0887, 170.0470

13.3110, 12.8051,
11.3446

206.4988,
209.6648, 210.8381

7.7215, 7.2945,
6.1820

250.5381,
254.9481, 257.6807

3.9676, 3.6469,
2.8855

300.4319,

1.6838, 1.4781,

306.3227, 310.9932

1.0365

356.5455,
364.1732, 371.1943

■ 0.4461, 0.2732,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3313, 61.1664,
59.0259

■ 61.3313, 61.1664,
59.0259

■ 55.1711, 52.5614,
45.5169

■ 68.3448, 70.8655,
74.7047

■ 49.8260, 45.0038,
34.0780

■ 76.2375, 81.6869,
92.6392

■ 45.2627, 38.4557,
24.6074

■ 84.1422, 93.3088,
108.1834

■ 41.4432, 32.8737,
16.9932

■ 84.8616, 94.7477,
108.4232

■ 38.3266, 28.2112,
11.1121

■ 35.8675, 24.4174,
6.8257

■ 34.0149, 21.4368,
3.9743

■ 32.7090, 19.2063,
2.3640

■ 32.1603, 18.2251,
1.8228

Harmonies

Analogous

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



62.3268, 61.1664, 64.2951



61.3313, 61.1664, 59.0259



59.4886, 61.1664, 55.9109

Triad

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



61.3313, 61.1664, 59.0259



54.2738, 61.1664, 62.8314



58.9548, 61.1664, 79.0236

Complementary

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



61.3313, 61.1664, 59.0259



60.6540, 66.9152, 80.9539

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.



56.8057, 61.1664, 78.5709



61.3313, 61.1664, 59.0259



54.1390, 61.1664, 68.9589

Square

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



61.3313, 61.1664, 59.0259



55.4283, 61.1664, 58.0118



55.0553, 61.1664, 74.7954



60.9322, 61.1664, 75.9961

Rectangle

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



61.3313, 61.1664, 59.0259



58.0458, 61.1664, 55.3509



55.0553, 61.1664, 74.7954



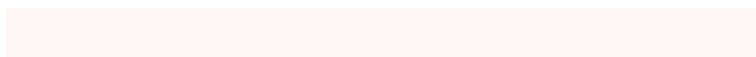
58.2279, 61.1664, 79.2780

Sweetspot

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



61.3330, 61.1691, 59.0272



90.9616, 94.3818, 99.6495



62.7857, 59.2138, 74.4964



19.3095, 19.9813, 20.9684



0.0000, 0.0000, 0.0000



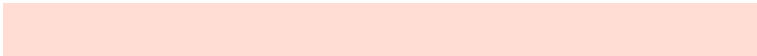
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3330, 61.1691, 59.0272



78.9726, 77.7818, 72.9072



65.2165, 68.9362, 60.3217



13.9493, 14.1845, 14.3095



18.6028, 10.6435, 1.0739



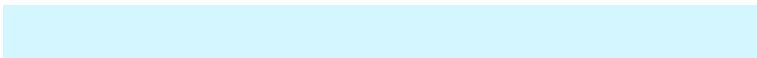
1.3554, 0.8697, 0.0964

Inverse Universe

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



60.6540, 66.9152, 80.9539



77.9080, 86.7799, 107.2517



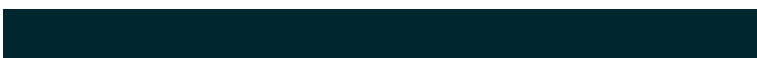
56.7199, 59.0469, 79.6425



13.8487, 15.0366, 17.5601



16.8396, 21.1488, 44.2429



1.2310, 1.5935, 3.0879

Previews

White Background



This preview shows how the XYZ color 61.3313, 61.1664, 59.0259 looks on a white background.

Color Contrast Check

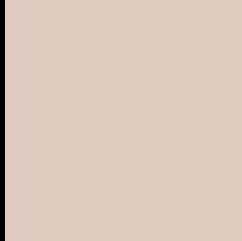
Large Text (above 18pt) WCAG AA × Fail

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 61.3313, 61.1664, 59.0259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

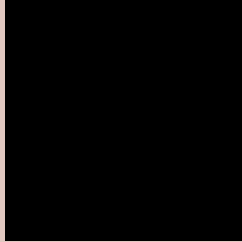
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3313, 61.1664, 59.0259

Background



This preview shows how black text looks on a background with the XYZ color 61.3313, 61.1664, 59.0259.

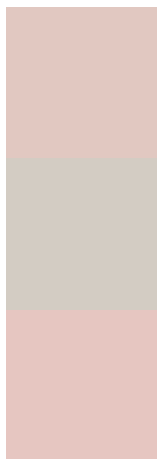


This preview shows how white text looks on a background with the XYZ color 61.3313, 61.1664,

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

61.3313, 61.1664, 59.0259

Protanopia

58.3072, 60.9747, 60.3259

Deuteranopia

62.4528, 61.0614, 58.9465



Tritanopia

63.8448, 61.1800, 70.7313

Trichromacy



Original Color

61.3313, 61.1664, 59.0259

Protanomaly

59.4124, 61.2058, 59.7215

Deuteranomaly

62.0440, 61.1911, 58.9931

Tritanomaly

62.8921, 61.1268, 66.2415

Monochromacy



Original Color

61.3313, 61.1664, 59.0259

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9851, 61.7461, 64.6338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3313, 61.1664, 59.0259 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(225, 200, 193)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 193)  
}
```

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(225, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 193) }
```

Border

The CSS property to change the border of an element to XYZ 61.3313, 61.1664, 59.0259 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(225, 200, 193) }
```


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

```
.border{ border-color:rgb(225, 200, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 200, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 193);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3313, 61.1664, 59.0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 200, 193) }
```

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

```
.background{ background-color: rgb(225,  
200, 193) }
```

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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