

Converting Colors

XYZ(73.4258, 75.2058, 58.2153)

Have a look what the booklet for
XYZ(73.4258, 75.2058, 58.2153)
contains.

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Color

**XYZ(73.2913, 75.1179,
58.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DDBC
RGB	247, 221, 188
RGB Percent	97%, 87%, 74%
CMY	0.0314, 0.1333, 0.2627
CMYK	0.00, 0.11, 0.24, 0.03
HSL	34°, 79%, 85%
HSV	34°, 24%, 97%
XYZ	73.2913, 75.1179, 58.2133
YIQ	225.0120, 26.0890, -4.7510

Conversions

Conversions Part 2

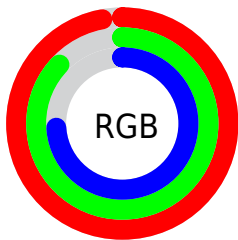
Format	Color
RYB	234, 247, 188
Decimal	16244156
CIELab	89.45, 3.98, 19.48
CIELCh	89, 19.886, 78.443
Yxy	75.1179, 0.3547, 0.3636
Android (android.graphics.Color)	4294434236 (0xFFF7DDBC)
YUV	225.0120, -18.2469, 19.2835
Hunter-Lab	86.6706, -0.7285, 20.8466

Details

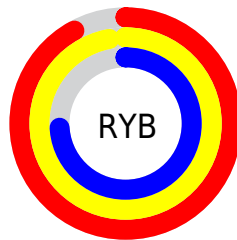
The XYZ color **73.2913, 75.1179, 58.2133** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.5736, 65.4981, 97.3931**, and the grayscale version is **71.6922, 75.4258, 82.1387**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **39.2446, 39.9689, 28.5680** is the 20% darker color. If you saturate the color by 10%, you get **68.0730, 68.5836, 44.4424**, and if you desaturate by 10%, it is **79.1556, 82.2138, 74.4495**.

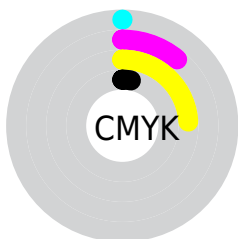
Distribution



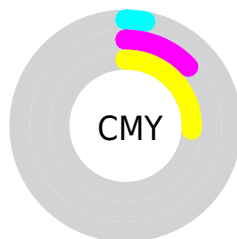
- Red (97%)
- Green (87%)
- Blue (74%)



- Red (92%)
- Yellow (97%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2913, 75.1179, 58.2133 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 73.2913, 75.1179, 58.2133 by changing the saturation by 10% instead.

 73.2913, 75.1179,
58.2133

 73.2913, 75.1179,
58.2133


461.1120,
478.3227, 435.6007

 54.5034, 55.7095,
41.5643


 122.8916,
126.4792, 103.7513

 39.2365, 39.9700,
28.4373


154.4347,
159.2010, 133.4773

 27.1253, 27.5152,
18.4136


190.9602,
197.1292, 168.3995

 17.8045, 17.9605,
11.0749

232.8335,
240.6484, 208.9363

 10.9085, 10.9216,
6.0024

280.4200,
290.1430, 255.5062

 6.0722, 6.0142,
2.7777

334.0850,

 2.9301, 2.8537,

345.9973, 308.5279

0.9823

394.1939,
408.5957, 368.4199

■ 1.1169, 1.0558,
0.0000

■ 0.0392, 0.0000,
0.0000

■ 73.2913, 75.1179,
58.2133

■ 73.2913, 75.1179,
58.2133

■ 68.0730, 68.5836,
44.4424

■ 79.1556, 82.2138,
74.4495

■ 63.4680, 62.5845,
33.0087

■ 85.6850, 89.8766,
93.2608

■ 59.4494, 57.1066,
23.7796

■ 91.7400, 97.6584,
108.6225

■ 55.9858, 52.1315,
16.6073

■ 92.1679, 98.5142,
108.7651

■ 53.0420, 47.6387,
11.3252

■ 50.5775, 43.6060,
7.7409

■ 48.5440, 40.0073,
5.6194

■ 47.4714, 38.0013,
4.8330

Harmonies

Analogous

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



77.7961, 75.1179, 63.3064



73.2913, 75.1179, 58.2133



68.4735, 75.1179, 58.8809

Triad

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



73.2913, 75.1179, 58.2133



62.8712, 75.1179, 90.5784



78.6419, 75.1179, 100.9175

Complementary

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



73.2913, 75.1179, 58.2133



61.5736, 65.4981, 97.3931

Split Complementary

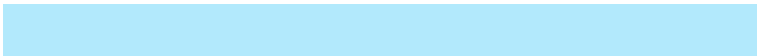
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4032, 75.1179, 109.9839



73.2913, 75.1179, 58.2133



65.3594, 75.1179, 103.5624

Square

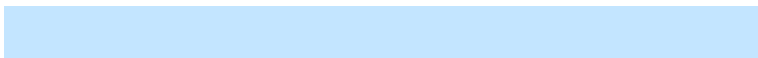
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2913, 75.1179, 58.2133



62.6040, 75.1179, 76.5306



69.5362, 75.1179, 111.0034



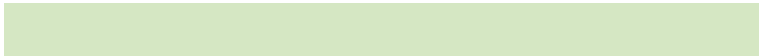
80.9777, 75.1179, 87.2863

Rectangle

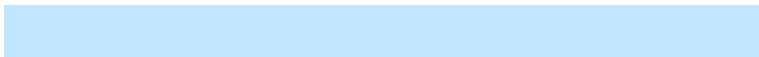
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2913, 75.1179, 58.2133



65.7279, 75.1179, 62.5193



69.5362, 75.1179, 111.0034



77.3837, 75.1179, 104.6636

Sweetspot

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



73.2933, 75.1213, 58.2149



89.8502, 93.9876, 93.6415



68.5496, 60.6247, 72.0768



19.1393, 20.0093, 19.7757



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

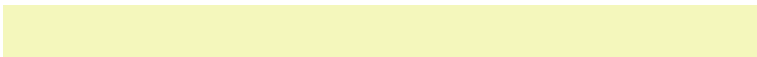
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2933, 75.1213, 58.2149



75.8182, 77.0633, 54.6216



79.6639, 89.3948, 60.6342



17.2681, 18.0204, 17.3657



25.2500, 20.3855, 2.6040



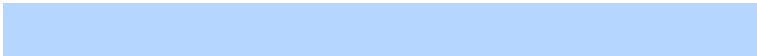
2.3215, 1.9963, 0.2630

Inverse Universe

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



61.5736, 65.4981, 97.3931



61.0712, 64.9567, 103.9268



56.2459, 53.7527, 95.4068



16.1820, 17.1283, 20.9958



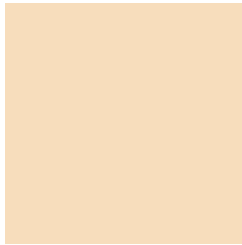
11.8974, 9.5885, 47.7617



1.1462, 1.0439, 4.2313

Previews

White Background



This preview shows how the XYZ color 73.2913, 75.1179, 58.2133 looks on a white background.

Color Contrast Check

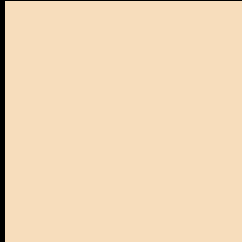
Large Text (above 18pt) WCAG AA × Fail

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 73.2913, 75.1179, 58.2133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

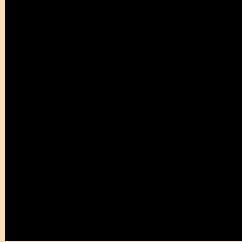
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2913, 75.1179, 58.2133

Background



This preview shows how black text looks on a background with the XYZ color 73.2913, 75.1179, 58.2133.



This preview shows how white text looks on a background with the XYZ color 73.2913, 75.1179,

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

73.2913, 75.1179, 58.2133

Protanopia

70.8750, 75.0335, 59.4626

Deuteranopia

76.0490, 75.2978, 61.5647



Tritanopia

79.0108, 75.1225, 86.6797

Trichromacy



Original Color

73.2913, 75.1179, 58.2133

Protanomaly

71.8486, 75.1502, 58.8627

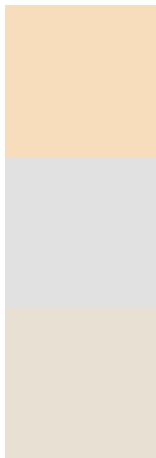
Deuteranomaly

74.9908, 75.1643, 60.4249

Tritanomaly

76.6319, 74.9076, 75.3854

Monochromacy



Original Color

73.2913, 75.1179, 58.2133

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1436, 75.3884, 73.0364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2913, 75.1179, 58.2133 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(247, 221, 188)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 188)  
}
```

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(247, 221, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 188) }
```

Border

The CSS property to change the border of an element to XYZ 73.2913, 75.1179, 58.2133 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(247, 221, 188) }
```


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

```
.border{ border-color:rgb(247, 221, 188) }
```

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

Here you see how a box with a 4 pixel rgb(247, 221, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 188);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2913, 75.1179, 58.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 188) }
```

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

```
.background{ background-color: rgb(247,  
221, 188) }
```

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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