

Converting Colors

XYZ(58.1982, 52.9005, 35.2020)

Have a look what the booklet for
XYZ(58.1982, 52.9005, 35.2020)
contains.

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Color

**XYZ(58.2278, 53.0336,
35.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B294
RGB	243, 178, 148
RGB Percent	95%, 70%, 58%
CMY	0.0471, 0.3019, 0.4196
CMYK	0.00, 0.27, 0.39, 0.05
HSL	19°, 80%, 77%
HSV	19°, 39%, 95%
XYZ	58.2278, 53.0336, 35.1845
YIQ	194.0150, 48.3700, 4.4500

Conversions

Conversions Part 2

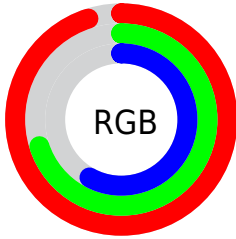
Format	Color
R _Y B	243, 192, 148
Decimal	15970964
CIE Lab	77.89, 19.93, 24.64
CIE LCh	78, 31.696, 51.031
Yxy	53.0336, 0.3976, 0.3621
Android (android.graphics.Color)	4294161044 (0xFFFF3B294)
YUV	194.0150, -22.6854, 42.9598
Hunter-Lab	72.8242, 15.2804, 22.3314

Details

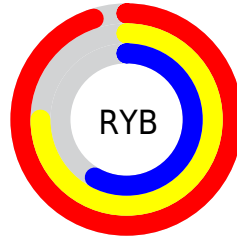
The XYZ color **58.2278, 53.0336, 35.1845** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1836, 60.3530, 93.6928**, and the grayscale version is **51.3982, 54.0749, 58.8876**.

A 20% lighter version of the original color is **81.3235, 84.3699, 67.8759**, and **29.4989, 25.8446, 14.7430** is the 20% darker color. If you saturate the color by 10%, you get **53.3929, 46.1256, 25.0590**, and if you desaturate by 10%, it is **63.8701, 60.9100, 47.5722**.

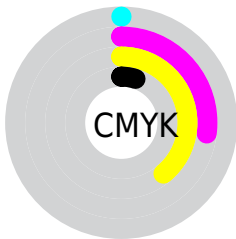
Distribution



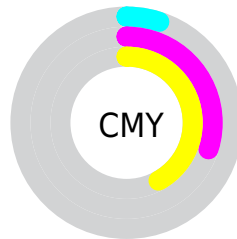
- Red (95%)
- Green (70%)
- Blue (58%)



- Red (95%)
- Yellow (75%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (39%)
- Black (5%)




- Cyan (5%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2278, 53.0336, 35.1845 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 58.2278, 53.0336, 35.1845 by changing the saturation by 10% instead.


 58.2278, 53.0336,
35.1845

 58.2278, 53.0336,
35.1845


407.9744,
398.4140, 340.3109

 42.2358, 37.8296,
23.5203


 101.3756, 94.6538,
68.9263

 29.4779, 25.8505,
14.7693


 129.2620,
121.8388, 91.8410

 19.5887, 16.7118,
8.5128


161.8440,
153.7862, 119.3430

 12.2030, 10.0292,
4.3324

199.4869,
190.8805, 151.8508

 6.9552, 5.4183,
1.8094

242.5561,
233.5061, 189.7830

 3.4802, 2.4947,
0.4341

291.4168,

 1.4125, 0.8740,

282.0472, 233.5580

0.0000

346.4344,
336.8884, 283.5945

■ 0.2651, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2278, 53.0336,
35.1845

■ 58.2278, 53.0336,
35.1845

■ 53.3929, 46.1256,
25.0590

■ 63.8701, 60.9100,
47.5722

■ 49.3217, 40.1397,
17.0535

■ 70.3525, 69.7835,
62.3458

■ 45.9719, 35.0368,
11.0146

■ 77.7108, 79.6913,
79.6239

■ 43.2951, 30.7717,
6.7667

■ 85.9774, 90.6658,
99.5162

■ 41.2358, 27.2946,
4.1020

■ 90.7721, 97.7947,
108.6998

■ 39.7168, 24.5448,
2.7075

■ 39.5985, 24.3276,
2.6086

Harmonies

Analogous

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



62.2888, 53.0336, 46.4075



58.2278, 53.0336, 35.1845



52.2758, 53.0336, 30.3032

Triad

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



58.2278, 53.0336, 35.1845



39.5902, 53.0336, 52.6167



54.7776, 53.0336, 95.5409

Complementary

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



58.2278, 53.0336, 35.1845



52.1836, 60.3530, 93.6928

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.



48.5830, 53.0336, 98.1448



58.2278, 53.0336, 35.1845



40.1410, 53.0336, 70.7922

Square

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



58.2278, 53.0336, 35.1845



41.7483, 53.0336, 38.9325



43.3196, 53.0336, 88.3333



60.1868, 53.0336, 81.8097

Rectangle

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



58.2278, 53.0336, 35.1845



48.1745, 53.0336, 30.4414



43.3196, 53.0336, 88.3333



52.7071, 53.0336, 97.8432

Sweetspot

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



58.2292, 53.0361, 35.1856



84.1902, 85.5462, 82.8805



59.7538, 45.1155, 69.5126



17.7861, 17.9959, 17.1883



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.



58.2292, 53.0361, 35.1856



60.5681, 52.9023, 29.9960



68.9632, 74.5042, 38.7636



16.9262, 17.3366, 17.2518



21.8396, 13.5648, 1.4672



2.0079, 1.3690, 0.1584

Inverse Universe

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



52.1836, 60.3530, 93.6928



52.9163, 62.0842, 103.8022



42.2095, 40.4049, 90.3681



16.5295, 17.8234, 21.1116



16.5142, 18.8222, 49.3007



1.5434, 1.8382, 4.3637

Previews

White Background



This preview shows how the XYZ color 58.2278, 53.0336, 35.1845 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 58.2278, 53.0336, 35.1845 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 58.2278, 53.0336, 35.1845

Background



This preview shows how black text looks on a background with the XYZ color 58.2278, 53.0336, 35.1845.



This preview shows how white text looks on a background with the XYZ color 58.2278, 53.0336,

35.1845.

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

58.2278, 53.0336, 35.1845

Protanopia

50.1632, 53.4856, 38.6902

Deuteranopia

54.2940, 53.1354, 34.9983



Tritanopia

62.1643, 53.2065, 53.4478

Trichromacy



Original Color

58.2278, 53.0336, 35.1845

Protanomaly

52.8641, 53.2935, 37.2062

Deuteranomaly

55.5987, 52.8861, 34.8814

Tritanomaly

60.7824, 53.2313, 46.1008

Monochromacy



Original Color

58.2278, 53.0336, 35.1845

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0704, 53.1378, 49.0545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2278, 53.0336, 35.1845 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(243, 178, 148)` looks like.

```
.text, #text, p{  
    color:rgb(243, 178, 148)  
}
```

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(243, 178, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 178, 148) }
```

Border

The CSS property to change the border of an element to XYZ 58.2278, 53.0336, 35.1845 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(243, 178, 148) }
```


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

```
.border{ border-color:rgb(243, 178, 148) }
```

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

Here you see how a box with a 4 pixel rgb(243, 178, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 178, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 178, 148);  
box-shadow:4px 4px 4px 4px rgb(243, 178,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2278, 53.0336, 35.1845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 178, 148) }
```

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

```
.background{ background-color: rgb(243,  
178, 148) }
```

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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