

Converting Colors

XYZ(59.8219, 53.3940, 42.7504)

Have a look what the booklet for
XYZ(59.8219, 53.3940, 42.7504)
contains.

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Color

**XYZ(59.8219, 53.3940,
42.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B1A5
RGB	244, 177, 165
RGB Percent	96%, 69%, 65%
CMY	0.0431, 0.3059, 0.3529
CMYK	0.00, 0.27, 0.32, 0.04
HSL	9°, 78%, 80%
HSV	9°, 32%, 96%
XYZ	59.8219, 53.3940, 42.7504
YIQ	195.6650, 43.7840, 10.4720

Conversions

Conversions Part 2

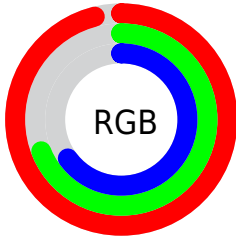
Format	Color
RYB	244, 179, 165
Decimal	16036261
CIELab	78.11, 22.86, 15.80
CIELCh	78, 27.790, 34.657
Yxy	53.3940, 0.3836, 0.3423
Android (android.graphics.Color)	4294226341 (0xFFFF4B1A5)
YUV	195.6650, -15.1178, 42.3898
Hunter-Lab	73.0712, 18.2597, 16.4621

Details

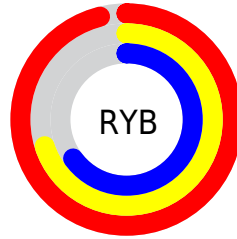
The XYZ color **59.8219, 53.3940, 42.7504** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.7017, 72.2417, 96.3328**, and the grayscale version is **52.3392, 55.0649, 59.9657**.

A 20% lighter version of the original color is **83.2972, 84.7051, 79.6696**, and **30.4380, 26.0467, 19.0460** is the 20% darker color. If you saturate the color by 10%, you get **54.0276, 45.0269, 30.8875**, and if you desaturate by 10%, it is **66.6624, 63.1751, 57.0534**.

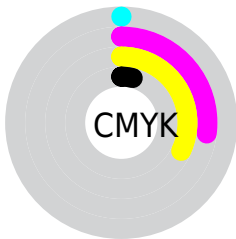
Distribution



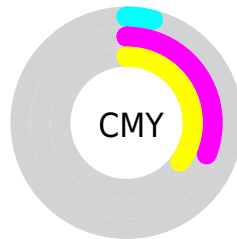
- Red (96%)
- Green (69%)
- Blue (65%)



- Red (96%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8219, 53.3940, 42.7504 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 59.8219, 53.3940, 42.7504 by changing the saturation by 10% instead.


 59.8219, 53.3940,
42.7504


 59.8219, 53.3940,
42.7504


413.7863,
399.7949, 373.4753

 43.5240, 38.1174,
29.3594


 103.6791, 95.1839,
80.6164

 30.4928, 26.0738,
19.1049

 131.9691,
122.4659, 105.9284

 20.3628, 16.8789,
11.5685


164.9872,
154.5186, 136.0512

 12.7689, 10.1482,
6.3317

203.0987,
191.7263, 171.4033

 7.3455, 5.4973,
2.9758

246.6690,
234.4734, 212.4032

 3.7273, 2.5419,
1.0823

296.0635,

 1.5491, 0.8975,

283.1442, 259.4695

0.0000

351.6474,
338.1233, 313.0207

■ 0.3589, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8219, 53.3940,
42.7504

■ 59.8219, 53.3940,
42.7504

■ 54.0276, 45.0269,
30.8875

■ 66.6624, 63.1751,
57.0534

■ 49.2234, 38.0008,
21.3250

■ 74.5933, 74.4236,
73.9191

■ 45.3541, 32.2479,
13.9138

■ 83.6612, 87.1994,
93.4659

■ 42.3574, 27.6910,
8.4859

■ 91.1183, 97.9731,
108.7160

■ 40.1629, 24.2447,
4.8485

■ 38.6889, 21.8117,
2.7693

■ 37.9723, 20.5612,
1.9673

Harmonies

Analogous

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



61.8716, 53.3940, 55.7451



59.8219, 53.3940, 42.7504



55.3463, 53.3940, 35.1028

Triad

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



59.8219, 53.3940, 42.7504



41.8942, 53.3940, 46.2650



51.6010, 53.3940, 93.2828

Complementary

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



59.8219, 53.3940, 42.7504



60.7017, 72.2417, 96.3328

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.



46.4144, 53.3940, 89.5293



59.8219, 53.3940, 42.7504



41.0470, 53.3940, 60.5963

Square

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



59.8219, 53.3940, 42.7504



45.0460, 53.3940, 36.8641



42.6439, 53.3940, 76.8327



56.9150, 53.3940, 86.3337

Rectangle

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



59.8219, 53.3940, 42.7504



51.7269, 53.3940, 33.1781



42.6439, 53.3940, 76.8327



49.7843, 53.3940, 93.2401

Sweetspot

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



59.8233, 53.3965, 42.7515



84.6980, 85.4355, 86.5219



65.3505, 51.9786, 83.0445



17.8395, 17.8782, 17.8983



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.



59.8233, 53.3965, 42.7515



61.7020, 52.6437, 38.1623



68.7457, 71.2413, 45.7256



16.7024, 16.8889, 17.1771



20.7083, 11.3021, 1.0901



1.8797, 1.1126, 0.1157

Inverse Universe

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



60.7017, 72.2417, 96.3328



62.8003, 76.4969, 106.0632



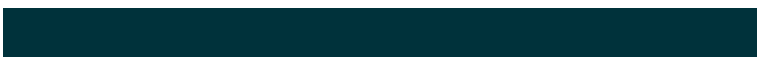
50.8394, 52.5169, 93.0453



16.7696, 18.3035, 21.1916



21.0822, 27.9582, 50.8234



1.9098, 2.5710, 4.4858

Previews

White Background



This preview shows how the XYZ color 59.8219, 53.3940, 42.7504 looks on a white background.

Color Contrast Check

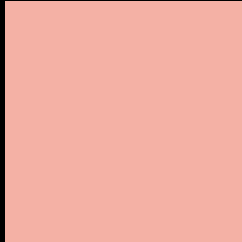
Large Text (above 18pt) WCAG AA × Fail

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 59.8219, 53.3940, 42.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

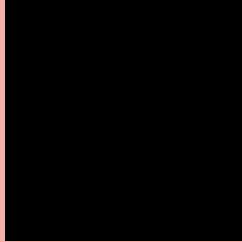
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8219, 53.3940, 42.7504

Background



This preview shows how black text looks on a background with the XYZ color 59.8219, 53.3940, 42.7504.



This preview shows how white text looks on a background with the XYZ color 59.8219, 53.3940,

42.7504.

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

59.8219, 53.3940, 42.7504

Protanopia

50.9699, 53.7136, 47.2165

Deuteranopia

54.6012, 53.4501, 42.0894



Tritanopia

62.1117, 53.4528, 54.0575

Trichromacy



Original Color

59.8219, 53.3940, 42.7504

Protanomaly

53.6413, 53.1946, 45.4706

Deuteranomaly

56.5893, 53.5362, 42.4729

Tritanomaly

61.1228, 53.3271, 49.7195

Monochromacy



Original Color

59.8219, 53.3940, 42.7504

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.3951, 54.0441, 53.4636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8219, 53.3940, 42.7504 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(244, 177, 165)` looks like.

```
.text, #text, p{  
    color:rgb(244, 177, 165)  
}
```

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(244, 177, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 177, 165) }
```

Border

The CSS property to change the border of an element to XYZ 59.8219, 53.3940, 42.7504 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(244, 177, 165) }
```


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

```
.border{ border-color:rgb(244, 177, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 177, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 177, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 177, 165);  
box-shadow:4px 4px 4px 4px rgb(244, 177,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8219, 53.3940, 42.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 177, 165) }
```

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

```
.background{ background-color: rgb(244,  
177, 165) }
```

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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