

Converting Colors

XYZ(59.5955, 51.5317, 37.5181)

Have a look what the booklet for
XYZ(59.5955, 51.5317, 37.5181)
contains.

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Color

**XYZ(59.8200, 51.7829,
37.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAB9A
RGB	250, 171, 154
RGB Percent	98%, 67%, 60%
CMY	0.0196, 0.3294, 0.3961
CMYK	0.00, 0.32, 0.38, 0.02
HSL	11°, 91%, 79%
HSV	11°, 38%, 98%
XYZ	59.8200, 51.7829, 37.4141
YIQ	192.6830, 52.5410, 11.4610

Conversions

Conversions Part 2

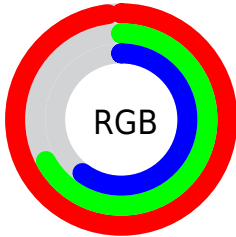
Format	Color
R _Y B	250, 175, 154
Decimal	16427930
CIE Lab	77.15, 26.98, 20.52
CIE LCh	77, 33.894, 37.260
Yxy	51.7829, 0.4014, 0.3475
Android (android.graphics.Color)	4294618010 (0xFFFAAB9A)
YUV	192.6830, -19.0707, 50.2670
Hunter-Lab	71.9603, 22.4549, 19.5458

Details

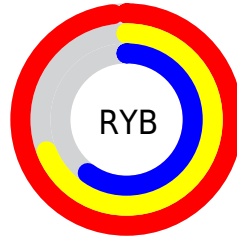
The XYZ color **59.8200, 51.7829, 37.4141** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.7195, 72.0472, 101.2014**, and the grayscale version is **50.5904, 53.2251, 57.9621**.

A 20% lighter version of the original color is **80.0943, 80.7522, 71.0398**, and **30.4125, 25.0125, 16.0569** is the 20% darker color. If you saturate the color by 10%, you get **54.3628, 43.8608, 26.3701**, and if you desaturate by 10%, it is **66.3183, 61.0929, 50.9453**.

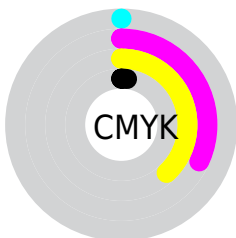
Distribution



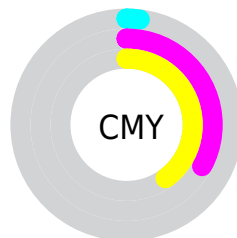
- Red (98%)
- Green (67%)
- Blue (60%)



- Red (98%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8200, 51.7829, 37.4141 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 59.8200, 51.7829, 37.4141 by changing the saturation by 10% instead.


 59.8200, 51.7829,
37.4141


 59.8200, 51.7829,
37.4141


413.7794,
393.5979, 350.3224

 43.5225, 36.8321,
25.2300

 103.6763, 92.8110,
72.4026

 30.4916, 25.0775,
16.0279


 131.9659,
119.6570, 96.0441

 20.3619, 16.1348,
9.3893


164.9834,
151.2369, 124.3419

 12.7682, 9.6196,
4.8957

203.0944,
187.9350, 157.7143

 7.3450, 5.1475,
2.1285

246.6641,
230.1358, 196.5801

 3.7270, 2.3340,
0.6327

296.0579,

 1.5489, 0.7916,

278.2236, 241.3576

0.0000

351.6412,
332.5828, 292.4656

■ 0.3587, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8200, 51.7829,
37.4141

■ 59.8200, 51.7829,
37.4141

■ 54.3628, 43.8608,
26.3701

■ 66.3183, 61.0929,
50.9453

■ 49.8876, 37.2525,
17.6582

■ 73.9045, 71.8455,
67.1000

■ 46.3355, 31.8882,
11.1103

■ 82.6274, 84.1012,
86.0080

■ 43.6394, 27.6887,
6.5346

■ 92.5317, 97.9153,
107.7897

■ 41.7223, 24.5650,
3.7050

■ 93.2343, 99.0640,
108.8150

■ 40.4860, 22.4123,
2.3071

■ 40.3357, 22.1466,
2.1488

Harmonies

Analogous

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



62.6470, 51.7829, 51.9907



59.8200, 51.7829, 37.4141



54.1951, 51.7829, 29.4523

Triad

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



59.8200, 51.7829, 37.4141



38.5942, 51.7829, 43.6791



50.8102, 51.7829, 99.7248

Complementary

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



59.8200, 51.7829, 37.4141



59.7195, 72.0472, 101.2014

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.



44.5555, 51.7829, 96.1293



59.8200, 51.7829, 37.4141



37.8600, 51.7829, 61.0155

Square

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



59.8200, 51.7829, 37.4141



42.0507, 51.7829, 32.4763



39.9492, 51.7829, 80.8744



57.1568, 51.7829, 89.8336

Rectangle

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



59.8200, 51.7829, 37.4141



49.8163, 51.7829, 27.7144



39.9492, 51.7829, 80.8744



48.6247, 51.7829, 100.0841

Sweetspot

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



59.8213, 51.7854, 37.4151



82.9957, 83.1573, 82.4824



65.8315, 49.3762, 83.9029



17.5067, 17.4370, 17.0951



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.



59.8213, 51.7854, 37.4151



58.1144, 47.7036, 30.0758



70.3287, 72.8002, 40.9176



17.4932, 17.7222, 17.9611



21.4677, 11.8920, 1.1639



2.0547, 1.2342, 0.1299

Inverse Universe

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



59.7195, 72.0472, 101.2014



57.9676, 71.5696, 105.3668



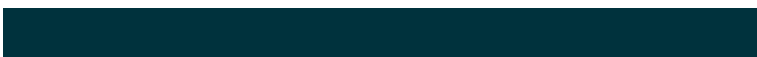
48.1411, 48.8905, 97.3420



17.4889, 19.0547, 22.1415



20.9197, 27.1951, 52.1201



2.0037, 2.6511, 4.8493

Previews

White Background



This preview shows how the XYZ color 59.8200, 51.7829, 37.4141 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 59.8200, 51.7829, 37.4141 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 59.8200, 51.7829, 37.4141

Background



This preview shows how black text looks on a background with the XYZ color 59.8200, 51.7829, 37.4141.



This preview shows how white text looks on a background with the XYZ color 59.8200, 51.7829,

37.4141.

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

59.8200, 51.7829, 37.4141

Protanopia

49.1117, 51.8888, 42.0774

Deuteranopia

53.0324, 51.8219, 36.9133



Tritanopia

62.2018, 51.6282, 49.8669

Trichromacy



Original Color

59.8200, 51.7829, 37.4141

Protanomaly

52.4921, 51.4651, 40.4248

Deuteranomaly

55.4741, 51.8637, 37.2239

Tritanomaly

61.1370, 51.4548, 45.2376

Monochromacy



Original Color

59.8200, 51.7829, 37.4141

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.2172, 52.2487, 49.9280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8200, 51.7829, 37.4141 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(250, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(250, 171, 154)  
}
```

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(250, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 171, 154) }
```

Border

The CSS property to change the border of an element to XYZ 59.8200, 51.7829, 37.4141 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(250, 171, 154) }
```


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

```
.border{ border-color:rgb(250, 171, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 171, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 171, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 171, 154);  
box-shadow:4px 4px 4px 4px rgb(250, 171,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8200, 51.7829, 37.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 171, 154) }
```

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

```
.background{ background-color: rgb(250,  
171, 154) }
```

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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