

Converting Colors

XYZ(60.0184, 48.2040, 37.3368)

Have a look what the booklet for
XYZ(60.0184, 48.2040, 37.3368)
contains.

XYZ(59.2134, 47.7405, 37.1043)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.2134, 47.7405,
37.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D9B
RGB	255, 157, 155
RGB Percent	100%, 62%, 61%
CMY	0.0000, 0.3843, 0.3922
CMYK	0.00, 0.38, 0.39, 0.00
HSL	1°, 100%, 80%
HSV	1°, 39%, 100%
XYZ	59.2134, 47.7405, 37.1043
YIQ	186.0740, 59.0500, 20.1540

Conversions

Conversions Part 2

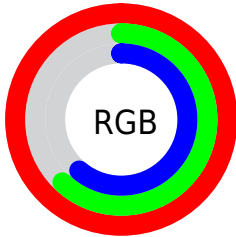
Format	Color
RYB	255, 157, 155
Decimal	16752027
CIELab	74.66, 36.26, 16.62
CIELCh	75, 39.882, 24.622
Yxy	47.7405, 0.4110, 0.3314
Android (android.graphics.Color)	4294942107 (0xFFFF9D9B)
YUV	186.0740, -15.3195, 60.4481
Hunter-Lab	69.0945, 32.0576, 16.5269

Details

The XYZ color **59.2134, 47.7405, 37.1043** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.6913, 84.4357, 107.3905**, and the grayscale version is **46.7747, 49.2107, 53.5904**.

A 20% lighter version of the original color is **76.5429, 73.4519, 70.4650**, and **30.2140, 22.6359, 15.8734** is the 20% darker color. If you saturate the color by 10%, you get **53.4896, 39.3658, 25.7231**, and if you desaturate by 10%, it is **66.2564, 58.0298, 51.1570**.

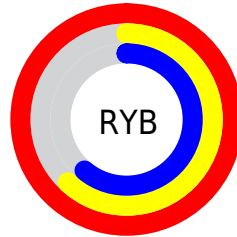
Distribution



Red (100%)

Green (62%)

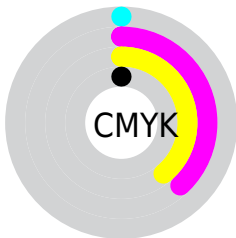
Blue (61%)



Red (100%)

Yellow (62%)

Blue (61%)

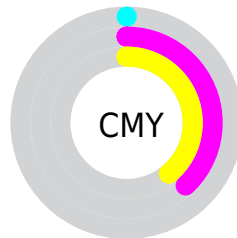


Cyan (0%)

Magenta (38%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2134, 47.7405, 37.1043 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 59.2134, 47.7405, 37.1043 by changing the saturation by 10% instead.


 59.2134, 47.7405,
37.1043


 59.2134, 47.7405,
37.1043


411.5736,
377.7626, 348.9441

 43.0320, 33.6214,
24.9918


 102.8006, 86.8179,
71.9213

 30.1048, 22.6029,
15.8520


 130.9371,
112.5450, 95.4629

 20.0666, 14.3006,
9.2663


163.7893,
142.9103, 123.6513

 12.5520, 8.3300,
4.8161

201.7226,
178.2981, 156.9050

 7.1957, 4.3068,
2.0829

245.1023,
219.0929, 195.6426

 3.6322, 1.8466,
0.6056

294.2938,

 1.4962, 0.5160,

265.6789, 240.2827

0.0000

349.6625,
318.4407, 291.2437

■ 0.3233, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2134, 47.7405,
37.1043

■ 59.2134, 47.7405,
37.1043

■ 53.4896, 39.3658,
25.7231

■ 66.2564, 58.0298,
51.1570

■ 48.9995, 32.7811,
16.8418

■ 74.6897, 70.3342,
68.0326

■ 45.6536, 27.8581,
10.2732

■ 84.5836, 84.7556,
87.8744

■ 43.3484, 24.4485,
5.8026

95.0500, 100.0000,
108.9000

■ 41.9619, 22.3779,
3.1753

■ 41.3278, 21.4180,
2.0133

■ 41.2955, 21.3710,
1.9485

Harmonies

Analogous

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



60.6604, 47.7405, 55.8004



59.2134, 47.7405, 37.1043



53.9040, 47.7405, 25.8211

Triad

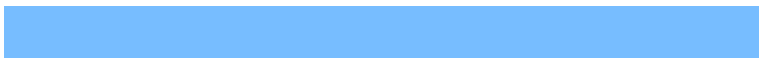
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.2134, 47.7405, 37.1043



34.9650, 47.7405, 32.1807



44.0862, 47.7405, 102.5080

Complementary

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



59.2134, 47.7405, 37.1043



66.6913, 84.4357, 107.3905

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.



37.7984, 47.7405, 91.6386



59.2134, 47.7405, 37.1043



32.9022, 47.7405, 48.3405

Square

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



59.2134, 47.7405, 37.1043



39.8305, 47.7405, 23.5520



33.8819, 47.7405, 70.3824



51.4136, 47.7405, 97.1893

Rectangle

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



59.2134, 47.7405, 37.1043



49.1607, 47.7405, 22.2818



33.8819, 47.7405, 70.3824



41.7905, 47.7405, 100.5558

Sweetspot

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



59.2146, 47.7429, 37.1052



81.6778, 80.5214, 82.0431



70.7443, 51.8162, 99.4801



17.1993, 16.8223, 16.9927



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.



59.2146, 47.7429, 37.1052



54.6483, 41.0627, 28.0227



69.3888, 68.0912, 40.4966



18.0386, 18.0453, 18.6767



21.5904, 11.1921, 1.0223



2.1120, 1.1094, 0.1028

Inverse Universe

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



66.6913, 84.4357, 107.3905



63.0638, 82.3792, 107.1847



53.0027, 57.0585, 102.8276



18.5218, 20.4152, 23.2143



27.2898, 39.4893, 55.6184



2.6667, 3.8641, 5.4186

Previews

White Background



This preview shows how the XYZ color 59.2134, 47.7405, 37.1043 looks on a white background.

Color Contrast Check

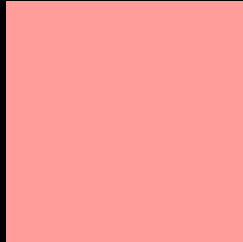
Large Text (above 18pt) WCAG AA × Fail

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 59.2134, 47.7405, 37.1043 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 59.2134, 47.7405, 37.1043

Background



This preview shows how black text looks on a background with the XYZ color 59.2134, 47.7405, 37.1043.



This preview shows how white text looks on a background with the XYZ color 59.2134, 47.7405,

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

59.2134, 47.7405, 37.1043

Protanopia

45.6942, 48.1845, 43.9380

Deuteranopia

48.7486, 47.8248, 35.9399



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

59.2134, 47.7405, 37.1043



Protanomaly

49.4785, 47.2126, 41.1555



Deuteranomaly

52.0371, 47.5104, 36.1335



Tritanomaly

59.7393, 47.6813, 40.7051

Monochromacy



Original Color

59.2134, 47.7405, 37.1043



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.9318, 47.6040, 47.1142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2134, 47.7405, 37.1043 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(255, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 155)  
}
```

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(255, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 155) }
```

Border

The CSS property to change the border of an element to XYZ 59.2134, 47.7405, 37.1043 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(255, 157, 155) }
```


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

```
.border{ border-color:rgb(255, 157, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2134, 47.7405, 37.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 155) }
```

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

```
.background{ background-color: rgb(255,  
157, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor