

Converting Colors

XYZ(59.1991, 50.4096, 39.4187)

Have a look what the booklet for
XYZ(59.1991, 50.4096, 39.4187)
contains.

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Color

**XYZ(59.1436, 50.2804,
39.3888)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A79F
RGB	249, 167, 159
RGB Percent	98%, 65%, 62%
CMY	0.0235, 0.3451, 0.3765
CMYK	0.00, 0.33, 0.36, 0.02
HSL	5°, 88%, 80%
HSV	5°, 36%, 98%
XYZ	59.1436, 50.2804, 39.3888
YIQ	190.6060, 51.4400, 14.8960

Conversions

Conversions Part 2

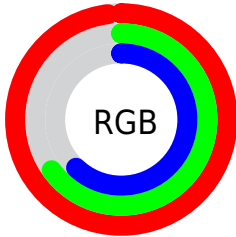
Format	Color
R _Y B	249, 168, 159
Decimal	16361375
CIE Lab	76.24, 29.28, 16.53
CIE LCh	76, 33.621, 29.449
Yxy	50.2804, 0.3974, 0.3379
Android (android.graphics.Color)	4294551455 (0xFFFF9A79F)
YUV	190.6060, -15.5818, 51.2115
Hunter-Lab	70.9087, 24.7933, 16.7013

Details

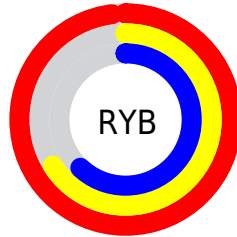
The XYZ color **59.1436, 50.2804, 39.3888** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8508, 77.1179, 101.1950**, and the grayscale version is **49.3608, 51.9314, 56.5533**.

A 20% lighter version of the original color is **79.7653, 78.8904, 74.6416**, and **29.9593, 24.0645, 17.2532** is the 20% darker color. If you saturate the color by 10%, you get **53.3990, 41.9078, 27.8659**, and if you desaturate by 10%, it is **66.0550, 60.2898, 53.4488**.

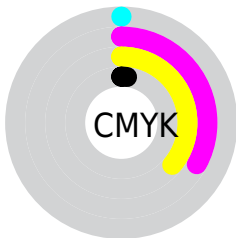
Distribution



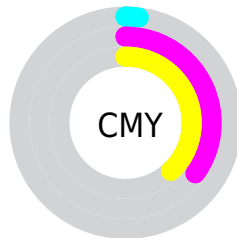
- Red (98%)
- Green (65%)
- Blue (62%)



- Red (98%)
- Yellow (66%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (36%)
- Black (2%)




- Cyan (2%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1436, 50.2804, 39.3888 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 59.1436, 50.2804, 39.3888 by changing the saturation by 10% instead.


 59.1436, 50.2804,
39.3888

 59.1436, 50.2804,
39.3888


411.3194,
387.7615, 359.0159

 42.9755, 35.6362,
26.7522


 102.6998, 90.5902,
75.4588

 30.0604, 24.1534,
17.1564


 130.8186,
117.0246, 99.7292

 20.0327, 15.4474,
10.1829


163.6517,
148.1579, 128.7146

 12.5272, 9.1340,
5.4132

201.5645,
184.3745, 162.8336

 7.1786, 4.8287,
2.4287

244.9223,
226.0588, 202.5047

 3.6213, 2.1471,
0.8020

294.0905,

 1.4902, 0.6909,

273.5951, 248.1464

0.0000

349.4344,
327.3678, 300.1773

■ 0.3192, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1436, 50.2804,
39.3888

■ 59.1436, 50.2804,
39.3888

■ 53.3990, 41.9078,
27.8659

■ 66.0550, 60.2898,
53.4488

■ 48.7530, 35.0781,
18.7261

■ 74.1887, 72.0090,
70.1817

■ 45.1361, 29.6990,
11.8031

■ 83.6013, 85.5153,
89.7169

■ 42.4695, 25.6653,
6.9080

■ 92.8768, 98.8797,
108.7983

■ 40.6626, 22.8576,
3.8204

■ 39.6067, 21.1353,
2.2677

■ 39.3566, 20.7192,
1.9249

Harmonies

Analogous

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



60.9671, 50.2804, 55.0811



59.1436, 50.2804, 39.3888



54.2211, 50.2804, 29.9590

Triad

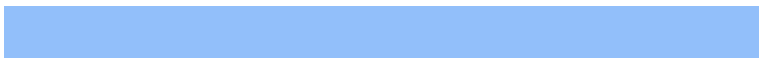
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1436, 50.2804, 39.3888



38.0912, 50.2804, 38.9266



47.6736, 50.2804, 97.3231

Complementary

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



59.1436, 50.2804, 39.3888



62.8508, 77.1179, 101.1950

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.



41.8887, 50.2804, 90.4221



59.1436, 50.2804, 39.3888



36.6632, 50.2804, 54.4139

Square

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



59.1436, 50.2804, 39.3888



42.0737, 50.2804, 29.7363



37.9912, 50.2804, 73.6534



54.0019, 50.2804, 90.8891

Rectangle

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



59.1436, 50.2804, 39.3888



50.0444, 50.2804, 27.2153



37.9912, 50.2804, 73.6534



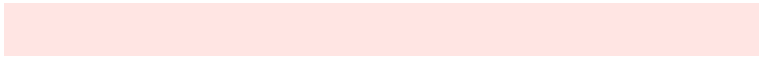
45.6043, 50.2804, 96.4665

Sweetspot

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



59.1449, 50.2828, 39.3898



83.2408, 83.0885, 84.2873



67.4172, 51.3172, 89.9631



17.5305, 17.3732, 17.4467



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.



59.1449, 50.2828, 39.3898



58.1164, 46.7923, 32.8985



68.7438, 69.4805, 42.5894



17.3687, 17.4733, 17.9196



21.1090, 11.1747, 1.0444



1.9959, 1.1166, 0.1103

Inverse Universe

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



62.8508, 77.1179, 101.1950



62.5159, 78.7258, 106.5084



51.2503, 53.9167, 97.3281



17.6261, 19.3289, 22.1872



23.8892, 33.1339, 53.1099



2.2501, 3.1439, 4.9314

Previews

White Background



This preview shows how the XYZ color 59.1436, 50.2804, 39.3888 looks on a white background.

Color Contrast Check

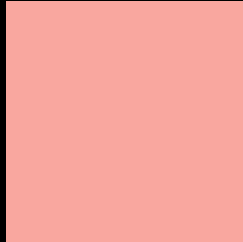
Large Text (above 18pt) WCAG AA × Fail

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 59.1436, 50.2804, 39.3888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

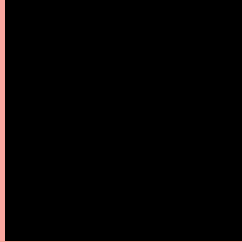
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1436, 50.2804, 39.3888

Background



This preview shows how black text looks on a background with the XYZ color 59.1436, 50.2804, 39.3888.



This preview shows how white text looks on a background with the XYZ color 59.1436, 50.2804,

39.3888.

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

59.1436, 50.2804, 39.3888

Protanopia

48.0039, 50.6045, 45.2678

Deuteranopia

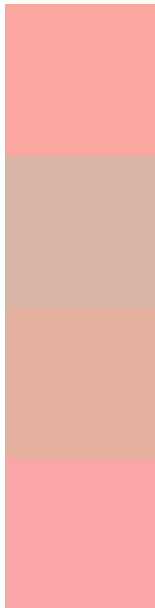
51.4381, 50.3535, 38.4606



Tritanopia

60.9949, 50.2345, 48.0764

Trichromacy



Original Color

59.1436, 50.2804, 39.3888

Protanomaly

51.2285, 49.8428, 42.9970

Deuteranomaly

53.9242, 50.1430, 38.7347

Tritanomaly

60.1352, 50.1365, 44.5381

Monochromacy



Original Color

59.1436, 50.2804, 39.3888

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.0160, 50.7076, 49.6938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1436, 50.2804, 39.3888 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(249, 167, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 167, 159)  
}
```

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(249, 167, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 167, 159) }
```

Border

The CSS property to change the border of an element to XYZ 59.1436, 50.2804, 39.3888 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(249, 167, 159) }
```


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

```
.border{ border-color:rgb(249, 167, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 167, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 167, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 167, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 167,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1436, 50.2804, 39.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 167, 159) }
```

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

```
.background{ background-color: rgb(249,  
167, 159) }
```

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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