

Converting Colors

XYZ(61.3167, 51.4006, 39.4905)

Have a look what the booklet for
XYZ(61.3167, 51.4006, 39.4905)
contains.

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Color

**XYZ(61.3167, 51.4006,
39.4905)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA79F
RGB	255, 167, 159
RGB Percent	100%, 65%, 62%
CMY	0.0000, 0.3451, 0.3765
CMYK	0.00, 0.35, 0.38, 0.00
HSL	5°, 100%, 81%
HSV	5°, 38%, 100%
XYZ	61.3167, 51.4006, 39.4905
YIQ	192.4000, 55.0160, 16.1680

Conversions

Conversions Part 2

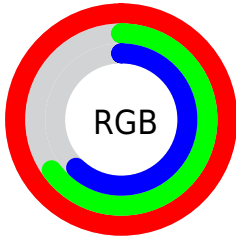
Format	Color
R _Y B	255, 168, 159
Decimal	16754591
CIE Lab	76.92, 31.51, 17.58
CIE LCh	77, 36.083, 29.157
Yxy	51.4006, 0.4028, 0.3377
Android (android.graphics.Color)	4294944671 (0xFFFFA79F)
YUV	192.4000, -16.4662, 54.9002
Hunter-Lab	71.6942, 27.1978, 17.5279

Details

The XYZ color **61.3167, 51.4006, 39.4905** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6075, 81.1093, 106.8055**, and the grayscale version is **50.4087, 53.0339, 57.7539**.

A 20% lighter version of the original color is **79.7653, 78.8904, 74.6416**, and **31.4890, 24.8531, 17.3248** is the 20% darker color. If you saturate the color by 10%, you get **55.4261, 42.8029, 27.7129**, and if you desaturate by 10%, it is **68.4403, 61.7336, 53.9320**.

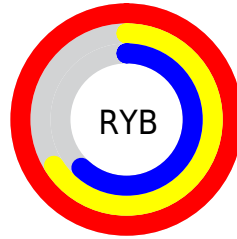
Distribution



Red (100%)

Green (65%)

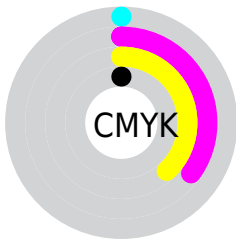
Blue (62%)



Red (100%)

Yellow (66%)

Blue (62%)

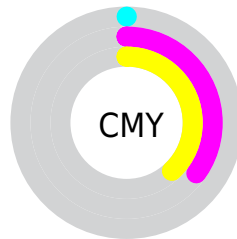


Cyan (0%)

Magenta (35%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3167, 51.4006, 39.4905 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 61.3167, 51.4006, 39.4905 by changing the saturation by 10% instead.


 61.3167, 51.4006,
39.4905

 61.3167, 51.4006,
39.4905


419.1916,
392.1182, 359.4594

 44.7343, 36.5275,
26.8308

 105.8329, 92.2467,
75.6156

 31.4486, 24.8419,
17.2148


 134.4974,
118.9884, 99.9181

 21.0942, 15.9593,
10.2242


167.9200,
150.4552, 128.9385

 13.3057, 9.4954,
5.4403

206.4660,
187.0314, 163.0955

 7.7178, 5.0657,
2.4446

250.5008,
229.1014, 202.8075

 3.9652, 2.2858,
0.8106

300.3898,

 1.6825, 0.7662,

277.0496, 248.4932

0.0000

356.4983,
331.2604, 300.5710

■ 0.4453, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3167, 51.4006,
39.4905

■ 61.3167, 51.4006,
39.4905

■ 55.4261, 42.8029,
27.7129

■ 68.4403, 61.7336,
53.9320

■ 50.6945, 35.8382,
18.4333

■ 76.8573, 73.8818,
71.1835

■ 47.0463, 30.4052,
11.4722

■ 86.6290, 87.9293,
91.3838

■ 44.3949, 26.3881,
6.6246

95.0500, 100.0000,
108.9000

■ 42.6405, 23.6547,
3.6496

■ 41.6594, 22.0463,
2.2320

■ 41.5130, 21.8061,
2.0210

Harmonies

Analogous

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



63.2824, 51.4006, 56.5249



61.3167, 51.4006, 39.4905



55.9418, 51.4006, 29.3728

Triad

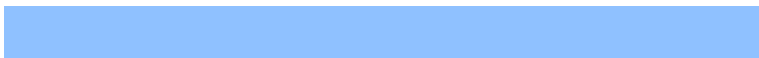
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3167, 51.4006, 39.4905



38.3723, 51.4006, 38.7314



48.6607, 51.4006, 102.9323

Complementary

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



61.3167, 51.4006, 39.4905



65.6075, 81.1093, 106.8055

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.



42.3930, 51.4006, 95.1169



61.3167, 51.4006, 39.4905



36.8057, 51.4006, 55.4118

Square

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



61.3167, 51.4006, 39.4905



42.6999, 51.4006, 29.0122



38.2072, 51.4006, 76.4858



55.5742, 51.4006, 95.9116

Rectangle

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



61.3167, 51.4006, 39.4905



51.3810, 51.4006, 26.4361



38.2072, 51.4006, 76.4858



46.4126, 51.4006, 101.9282

Sweetspot

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



61.3180, 51.4031, 39.4915



83.1976, 83.0020, 84.2729



70.4269, 52.7721, 94.4699



17.5203, 17.3528, 17.4433



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.



61.3180, 51.4031, 39.4915



56.8696, 44.9158, 30.5800



71.7987, 72.3644, 42.9850



18.1311, 18.2303, 18.7075



21.7333, 11.4779, 1.0700



2.1558, 1.1970, 0.1174

Inverse Universe

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



65.6075, 81.1093, 106.8055



61.6904, 78.3831, 106.4858



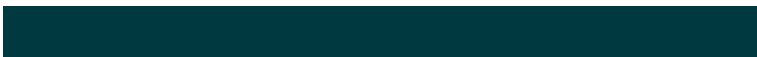
52.7719, 55.4383, 102.5270



18.4177, 20.2070, 23.1796



24.8203, 34.5502, 54.7953



2.4533, 3.4374, 5.3474

Previews

White Background



This preview shows how the XYZ color 61.3167, 51.4006, 39.4905 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 61.3167, 51.4006, 39.4905 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 61.3167, 51.4006, 39.4905

Background



This preview shows how black text looks on a background with the XYZ color 61.3167, 51.4006, 39.4905.



This preview shows how white text looks on a background with the XYZ color 61.3167, 51.4006,

39.4905.

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

61.3167, 51.4006, 39.4905

Protanopia

48.9579, 51.7350, 45.4357

Deuteranopia

52.7530, 51.6394, 38.6395



Tritanopia

62.6309, 51.3446, 48.2045

Trichromacy



Original Color

61.3167, 51.4006, 39.4905

Protanomaly

52.8243, 51.2691, 43.1882

Deuteranomaly

55.4122, 51.2022, 38.8608

Tritanomaly

62.1319, 51.4347, 44.6834

Monochromacy



Original Color

61.3167, 51.4006, 39.4905

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.1960, 51.6093, 50.3379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3167, 51.4006, 39.4905 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, 167, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 167, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 159) }
```

Border

The CSS property to change the border of an element to XYZ 61.3167, 51.4006, 39.4905 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, 167, 159) }
```


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

```
.border{ border-color:rgb(255, 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(255, 167, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3167, 51.4006, 39.4905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 159) }
```

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

```
.background{ background-color: rgb(255,  
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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