

Converting Colors

XYZ(62.5473, 53.8620, 39.9012)

Have a look what the booklet for
XYZ(62.5473, 53.8620, 39.9012)
contains.

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Color

**XYZ(62.6341, 54.0353,
39.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE9F
RGB	255, 174, 159
RGB Percent	100%, 68%, 62%
CMY	0.0000, 0.3176, 0.3765
CMYK	0.00, 0.32, 0.38, 0.00
HSL	9°, 100%, 81%
HSV	9°, 38%, 100%
XYZ	62.6341, 54.0353, 39.9296
YIQ	196.5090, 53.0910, 12.5070

Conversions

Conversions Part 2

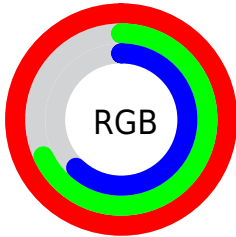
Format	Color
R _Y B	255, 177, 159
Decimal	16756383
CIE Lab	78.48, 27.85, 19.74
CIE LCh	78, 34.142, 35.332
Yxy	54.0353, 0.4000, 0.3451
Android (android.graphics.Color)	4294946463 (0xFFFFAE9F)
YUV	196.5090, -18.4919, 51.2966
Hunter-Lab	73.5087, 23.4531, 19.2500

Details

The XYZ color **62.6341, 54.0353, 39.9296** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.5069, 76.9082, 106.1053**, and the grayscale version is **52.8617, 55.6146, 60.5643**.

A 20% lighter version of the original color is **81.6744, 82.7087, 75.2780**, and **32.3091, 26.4932, 17.5982** is the 20% darker color. If you saturate the color by 10%, you get **56.8167, 45.5840, 28.1764**, and if you desaturate by 10%, it is **69.5764, 64.0058, 54.3108**.

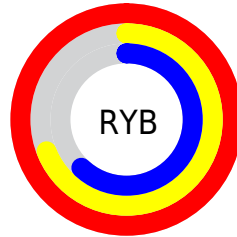
Distribution



Red (100%)

Green (68%)

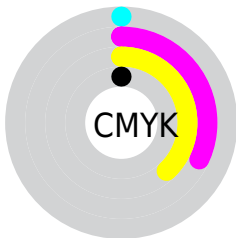
Blue (62%)



Red (100%)

Yellow (69%)

Blue (62%)

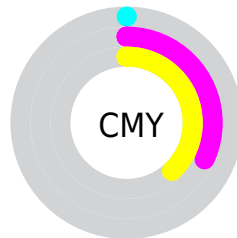


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6341, 54.0353, 39.9296 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 62.6341, 54.0353, 39.9296 by changing the saturation by 10% instead.

 62.6341, 54.0353,
39.9296


 62.6341, 54.0353,
39.9296


423.9211,
402.2446, 361.3700

 45.8028, 38.6299,
27.1703


 107.7262, 96.1261,
76.2922

 32.2942, 26.4719,
17.4676


 136.7178,
123.5802, 100.7326

 21.7429, 17.1770,
10.4030


170.4935,
155.8194, 129.9038

 13.7837, 10.3608,
5.5579

209.4186,
193.2280, 164.2242

 8.0511, 5.6388,
2.5137

253.8586,
236.1904, 204.1125

 4.1797, 2.6267,
0.8474

304.1788,

 1.8043, 0.9401,

285.0911, 249.9873

0.0000

360.7445,
340.3143, 302.2669

■ 0.5203, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6341, 54.0353,
39.9296

■ 62.6341, 54.0353,
39.9296

■ 56.8167, 45.5840,
28.1764

■ 69.5764, 64.0058,
54.3108

■ 52.0602, 38.5695,
18.8885

■ 77.6949, 75.5570,
71.4627

■ 48.3004, 32.9134,
11.8903

■ 87.0426, 88.7565,
91.5217

■ 45.4642, 28.5266,
6.9810

95.0500, 100.0000,
108.9000

■ 43.4677, 25.3091,
3.9254

■ 42.2083, 23.1439,
2.4149

■ 41.9940, 22.7680,
2.1813

Harmonies

Analogous

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



65.3236, 54.0353, 55.4640



62.6341, 54.0353, 39.9296



56.9408, 54.0353, 31.2139

Triad

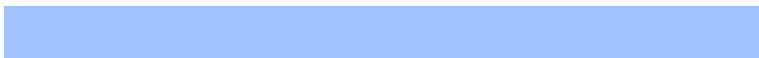
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.6341, 54.0353, 39.9296



40.4921, 54.0353, 44.7068



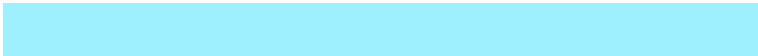
52.5687, 54.0353, 103.8902

Complementary

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



62.6341, 54.0353, 39.9296



63.5069, 76.9082, 106.1053

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.



46.1543, 54.0353, 99.2625



62.6341, 54.0353, 39.9296



39.5414, 54.0353, 62.3404

Square

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



62.6341, 54.0353, 39.9296



44.2451, 54.0353, 33.5215



41.5252, 54.0353, 82.9272



59.1971, 54.0353, 94.4698

Rectangle

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



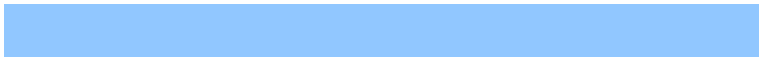
62.6341, 54.0353, 39.9296



52.4173, 54.0353, 29.1300



41.5252, 54.0353, 82.9272



50.3149, 54.0353, 103.9448

Sweetspot

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



62.6355, 54.0379, 39.9307



83.7678, 84.1425, 84.4630



69.4559, 52.3838, 89.3567



17.6550, 17.6222, 17.4882



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.



62.6355, 54.0379, 39.9307



58.2507, 47.6781, 31.0403



73.4605, 75.6879, 43.5390



18.2386, 18.4453, 18.7434



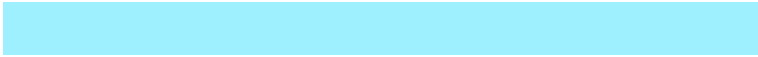
22.0104, 12.0320, 1.1623



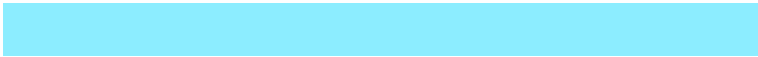
2.2063, 1.2979, 0.1342

Inverse Universe

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



63.5069, 76.9082, 106.1053



59.2101, 73.4226, 105.6590



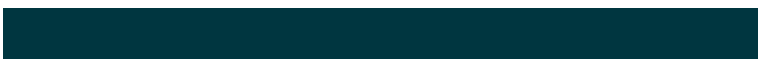
51.3302, 52.5548, 102.0464



18.2988, 19.9692, 23.1399



22.2388, 29.3871, 53.9348



2.2275, 2.9857, 5.2722

Previews

White Background



This preview shows how the XYZ color 62.6341, 54.0353, 39.9296 looks on a white background.

Color Contrast Check

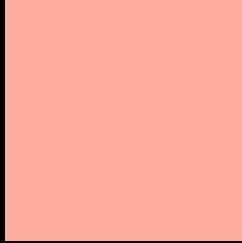
Large Text (above 18pt) WCAG AA × Fail

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 62.6341, 54.0353, 39.9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

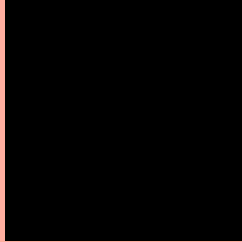
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6341, 54.0353, 39.9296

Background



This preview shows how black text looks on a background with the XYZ color 62.6341, 54.0353, 39.9296.



This preview shows how white text looks on a background with the XYZ color 62.6341, 54.0353,

39.9296.

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

62.6341, 54.0353, 39.9296

Protanopia

51.3551, 54.2855, 45.3076

Deuteranopia

55.2202, 54.1437, 39.4387



Tritanopia

64.6443, 54.2257, 52.4069

Trichromacy



Original Color

62.6341, 54.0353, 39.9296

Protanomaly

54.9933, 53.9452, 43.1113

Deuteranomaly

57.8246, 53.9290, 39.7094

Tritanomaly

63.9214, 54.2423, 47.6582

Monochromacy



Original Color

62.6341, 54.0353, 39.9296

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.6583, 54.7195, 52.4282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6341, 54.0353, 39.9296 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, 174, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 159) }
```

Border

The CSS property to change the border of an element to XYZ 62.6341, 54.0353, 39.9296 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, 174, 159) }
```


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

```
.border{ border-color:rgb(255, 174, 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, 174, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6341, 54.0353, 39.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 159) }
```

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

```
.background{ background-color: rgb(255,  
174, 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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