

Converting Colors

XYZ(61.1023, 52.4449, 34.8779)

Have a look what the booklet for
XYZ(61.1023, 52.4449, 34.8779)
contains.

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Color

**XYZ(61.1482, 52.5239,
34.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB94
RGB	255, 171, 148
RGB Percent	100%, 67%, 58%
CMY	0.0000, 0.3294, 0.4196
CMYK	0.00, 0.33, 0.42, 0.00
HSL	13°, 100%, 79%
HSV	13°, 42%, 100%
XYZ	61.1482, 52.5239, 34.9322
YIQ	193.4940, 57.4470, 10.6550

Conversions

Conversions Part 2

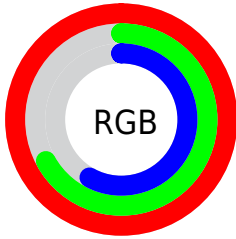
Format	Color
R _Y B	255, 177, 148
Decimal	16755604
CIE Lab	77.59, 28.22, 24.45
CIE LCh	78, 37.339, 40.910
Yxy	52.5239, 0.4115, 0.3534
Android (android.graphics.Color)	4294945684 (0xFFFFAB94)
YUV	193.4940, -22.4285, 53.9408
Hunter-Lab	72.4734, 23.7780, 22.1536

Details

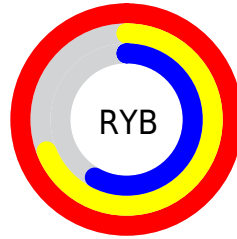
The XYZ color **61.1482, 52.5239, 34.9322** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.1181, 71.2262, 105.2399**, and the grayscale version is **51.0849, 53.7453, 58.5286**.

A 20% lighter version of the original color is **79.3698, 80.4624, 67.2247**, and **31.4011, 25.5557, 14.5870** is the 20% darker color. If you saturate the color by 10%, you get **55.8489, 44.8074, 24.2808**, and if you desaturate by 10%, it is **67.4674, 61.5686, 48.1180**.

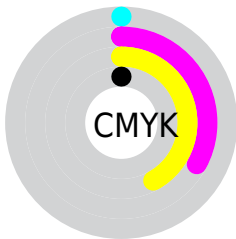
Distribution



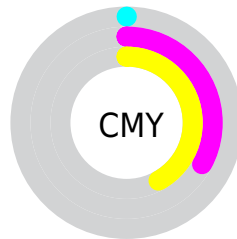
- Red (100%)
- Green (67%)
- Blue (58%)



- Red (100%)
- Yellow (69%)
- Blue (58%)



- Cyan (0%)
- Magenta (33%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1482, 52.5239, 34.9322 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 61.1482, 52.5239, 34.9322 by changing the saturation by 10% instead.


 61.1482, 52.5239,
34.9322

 61.1482, 52.5239,
34.9322


418.5844,
396.4558, 339.1641

 44.5978, 37.4228,
23.3275


 105.5904, 93.9034,
68.5311

 31.3407, 25.5350,
14.6280


 134.2129,
120.9507, 91.3624

 21.0115, 16.4761,
8.4150


167.5901,
152.7488, 118.7730

 13.2449, 9.8617,
4.2701

206.0873,
189.6821, 151.1814

 7.6756, 5.3074,
1.7746

250.0701,
232.1351, 189.0062

 3.9381, 2.4287,
0.4111

299.9036,

 1.6672, 0.8406,

280.4921, 232.6659

0.0000

355.9532,
335.1376, 282.5790

■ 0.4356, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1482, 52.5239,
34.9322

■ 61.1482, 52.5239,
34.9322

■ 55.8489, 44.8074,
24.2808

■ 67.4674, 61.5686,
48.1180

■ 51.5102, 38.3481,
15.9966

■ 74.8535, 71.9926,
63.9844

■ 48.0729, 33.0804,
9.8974

■ 83.3550, 83.8537,
82.6701

■ 45.4689, 28.9287,
5.7722

■ 93.0164, 97.2041,
104.3033

■ 43.6189, 25.8086, 95.0500, 100.0000,
3.3681 108.9000

■ 42.5979, 23.9759,
2.3827

Harmonies

Analogous

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



64.8082, 52.5239, 50.0002



61.1482, 52.5239, 34.9322



54.5946, 52.5239, 27.2791

Triad

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



61.1482, 52.5239, 34.9322



37.9352, 52.5239, 45.1635



52.5922, 52.5239, 105.6991

Complementary

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



61.1482, 52.5239, 34.9322



59.1181, 71.2262, 105.2399

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.



45.5247, 52.5239, 103.5069



61.1482, 52.5239, 34.9322



37.5107, 52.5239, 65.0371

Square

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



61.1482, 52.5239, 34.9322



41.3838, 52.5239, 32.1280



40.1621, 52.5239, 87.3259



59.5614, 52.5239, 92.7443

Rectangle

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



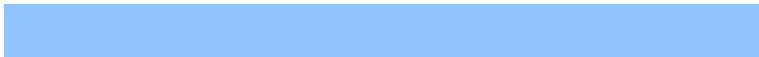
61.1482, 52.5239, 34.9322



49.7026, 52.5239, 25.9708



40.1621, 52.5239, 87.3259



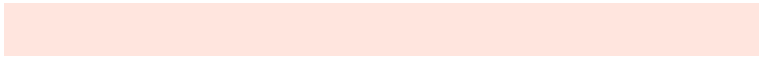
50.1428, 52.5239, 106.7758

Sweetspot

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



61.1495, 52.5265, 34.9332



82.4178, 82.5520, 80.5921



66.6240, 48.3578, 83.3636



17.2238, 17.0894, 16.3283



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.



61.1495, 52.5265, 34.9332



56.8103, 46.2192, 26.1769



72.9464, 76.1203, 38.8655



18.3259, 18.6199, 18.7725



22.3459, 12.7030, 1.2742



2.2513, 1.3879, 0.1492

Inverse Universe

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



59.1181, 71.2262, 105.2399



54.5069, 67.0302, 104.6731



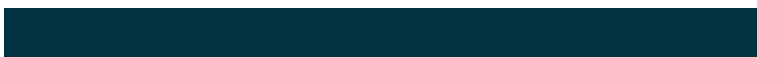
46.6046, 46.1993, 101.0687



18.2039, 19.7795, 23.1083



20.3586, 25.6269, 53.3081



2.0608, 2.6522, 5.2166

Previews

White Background



This preview shows how the XYZ color 61.1482, 52.5239, 34.9322 looks on a white background.

Color Contrast Check

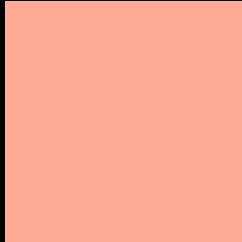
Large Text (above 18pt) WCAG AA × Fail

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 61.1482, 52.5239, 34.9322 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 61.1482, 52.5239, 34.9322

Background



This preview shows how black text looks on a background with the XYZ color 61.1482, 52.5239, 34.9322.



This preview shows how white text looks on a background with the XYZ color 61.1482, 52.5239,

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

61.1482, 52.5239, 34.9322

Protanopia

49.6498, 52.8644, 39.9348

Deuteranopia

53.6928, 52.5251, 34.5026



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

61.1482, 52.5239, 34.9322

Protanomaly

53.0974, 52.1437, 37.8380

Deuteranomaly

56.3116, 52.3513, 34.7406

Tritanomaly

62.4959, 52.4631, 43.8783

Monochromacy



Original Color

61.1482, 52.5239, 34.9322

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.6037, 52.4712, 48.8977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1482, 52.5239, 34.9322 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, 171, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 148)  
}
```

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, 171, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 148) }
```

Border

The CSS property to change the border of an element to XYZ 61.1482, 52.5239, 34.9322 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, 171, 148) }
```


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

```
.border{ border-color:rgb(255, 171, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1482, 52.5239, 34.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 148) }
```

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

```
.background{ background-color: rgb(255,  
171, 148) }
```

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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