

Converting Colors

XYZ(61.9682, 51.0371, 46.6295)

Have a look what the booklet for
XYZ(61.9682, 51.0371, 46.6295)
contains.

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Color

**XYZ(61.9682, 51.0371,
46.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA5AE
RGB	254, 165, 174
RGB Percent	100%, 65%, 68%
CMY	0.0039, 0.3529, 0.3176
CMYK	0.00, 0.35, 0.31, 0.00
HSL	354°, 98%, 82%
HSV	354°, 35%, 100%
XYZ	61.9682, 51.0371, 46.6295
YIQ	192.6370, 50.1550, 21.6670

Conversions

Conversions Part 2

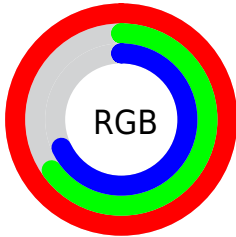
Format	Color
RYB	254, 165, 174
Decimal	16688558
CIELab	76.70, 33.98, 9.08
CIELCh	77, 35.174, 14.957
Yxy	51.0371, 0.3882, 0.3197
Android (android.graphics.Color)	4294878638 (0xFFFEA5AE)
YUV	192.6370, -9.1880, 53.8154
Hunter-Lab	71.4403, 29.8128, 11.3092

Details

The XYZ color **61.9682, 51.0371, 46.6295** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.4426, 85.4767, 99.3347**, and the grayscale version is **50.5084, 53.1387, 57.8681**.

A 20% lighter version of the original color is **81.2393, 78.6300, 85.0241**, and **31.8127, 24.5956, 21.4831** is the 20% darker color. If you saturate the color by 10%, you get **55.7934, 41.9521, 34.5069**, and if you desaturate by 10%, it is **69.4338, 62.0978, 61.0502**.

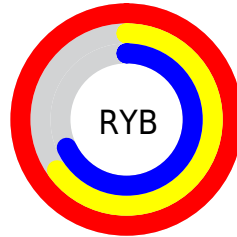
Distribution



Red (100%)

Green (65%)

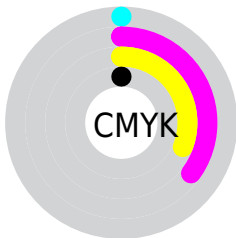
Blue (68%)



Red (100%)

Yellow (65%)

Blue (68%)

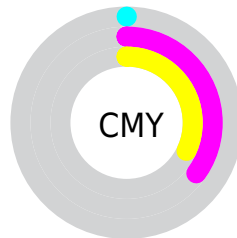


Cyan (0%)

Magenta (35%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9682, 51.0371, 46.6295 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 61.9682, 51.0371, 46.6295 by changing the saturation by 10% instead.

 61.9682, 51.0371,
46.6295


 61.9682, 51.0371,
46.6295


421.5345,
390.7079, 389.6846

 45.2625, 36.2381,
32.3906


 106.7698, 91.7096,
86.5045

 31.8664, 24.6182,
21.3927


 135.5964,
118.3519, 112.9777

 21.4145, 15.7928,
13.2174


169.1939,
149.7109, 144.3661

 13.5415, 9.3777,
7.4459

207.9279,
186.1707, 181.0882

 7.8821, 4.9883,
3.6599

252.1636,
228.1160, 223.5625

 4.0707, 2.2404,
1.4407

302.2663,

 1.7422, 0.7419,

275.9310, 272.2077

0.1731

358.6015,
330.0002, 327.4422

■ 0.4825, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9682, 51.0371,
46.6295

■ 61.9682, 51.0371,
46.6295

■ 55.7934, 41.9521,
34.5069

■ 69.4338, 62.0978,
61.0502

■ 50.8322, 34.7195,
24.5605

■ 78.2537, 75.2333,
77.8761

■ 47.0052, 29.2138,
16.6619

■ 88.4918, 90.5448,
97.2113

■ 44.2219, 25.2905,
10.6678

94.6831, 99.8109,
108.8828

■ 42.3778, 22.7820,
6.4162

■ 41.3461, 21.4824,
3.7179

■ 41.0560, 21.1440,
2.8755

Harmonies

Analogous

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



61.9623, 51.0371, 65.6475



61.9682, 51.0371, 46.6295



58.1509, 51.0371, 33.4697

Triad

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



61.9682, 51.0371, 46.6295



40.0090, 51.0371, 33.4417



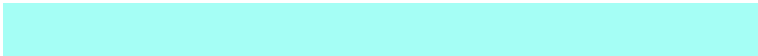
45.2596, 51.0371, 99.0655

Complementary

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



61.9682, 51.0371, 46.6295



67.4426, 85.4767, 99.3347

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.



39.9969, 51.0371, 85.7336



61.9682, 51.0371, 46.6295



37.1596, 51.0371, 46.5818

Square

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



61.9682, 51.0371, 46.6295



45.2775, 51.0371, 27.1274



37.1554, 51.0371, 65.5876



51.8912, 51.0371, 99.0866

Rectangle

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



61.9682, 51.0371, 46.6295



54.1366, 51.0371, 28.5183



37.1554, 51.0371, 65.5876



43.2860, 51.0371, 95.8778

Sweetspot

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



61.9696, 51.0396, 46.6305



82.9482, 81.8719, 86.1358



68.5214, 53.2332, 100.4297



17.4615, 17.0863, 17.8827



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.



61.9696, 51.0396, 46.6305



58.0484, 44.9021, 38.2833



68.1165, 64.6902, 44.4968



18.0840, 18.0169, 19.0593



21.6692, 11.1570, 1.6424



2.1334, 1.0957, 0.2841

Inverse Universe

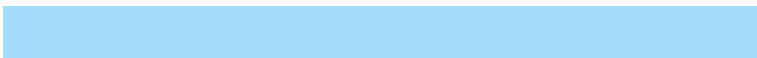
The Inverse Universe completely reimagines the original color for something new.



61.9696, 51.0396, 46.6305



58.0484, 44.9021, 38.2833



58.9711, 66.2824, 103.4518



18.0840, 18.0169, 19.0593



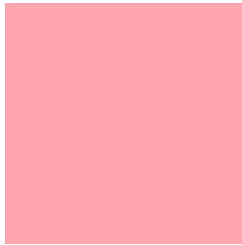
21.6692, 11.1570, 1.6424



2.1334, 1.0957, 0.2841

Previews

White Background



This preview shows how the XYZ color 61.9682, 51.0371, 46.6295 looks on a white background.

Color Contrast Check

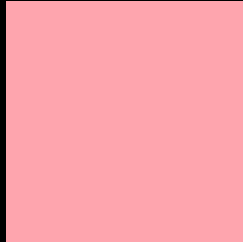
Large Text (above 18pt) WCAG AA × Fail

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 61.9682, 51.0371, 46.6295 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 61.9682, 51.0371, 46.6295

Background



This preview shows how black text looks on a background with the XYZ color 61.9682, 51.0371, 46.6295.



This preview shows how white text looks on a background with the XYZ color 61.9682, 51.0371,

46.6295.

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

61.9682, 51.0371, 46.6295

Protanopia

49.4154, 51.4524, 54.3405

Deuteranopia

52.3085, 51.2543, 45.6642



Tritanopia

62.2640, 51.1554, 48.1873

Trichromacy



Original Color

61.9682, 51.0371, 46.6295



Protanomaly

53.0837, 50.6188, 51.2286



Deuteranomaly

55.2848, 50.6872, 45.8995



Tritanomaly

62.1647, 51.1157, 47.6642

Monochromacy



Original Color

61.9682, 51.0371, 46.6295



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.8207, 51.8592, 53.6275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9682, 51.0371, 46.6295 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(254, 165, 174)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 174)  
}
```

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(254, 165, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 174) }
```

Border

The CSS property to change the border of an element to XYZ 61.9682, 51.0371, 46.6295 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(254, 165, 174) }
```


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

```
.border{ border-color:rgb(254, 165, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 165, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 174);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9682, 51.0371, 46.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 174) }
```

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

```
.background{ background-color: rgb(254,  
165, 174) }
```

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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