

Converting Colors

XYZ(61.8930, 49.6808, 41.8229)

Have a look what the booklet for
XYZ(61.8930, 49.6808, 41.8229)
contains.

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Color

**XYZ(60.6023, 49.1182,
41.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA0A5
RGB	255, 160, 165
RGB Percent	100%, 63%, 65%
CMY	0.0000, 0.3725, 0.3529
CMYK	0.00, 0.37, 0.35, 0.00
HSL	357°, 100%, 81%
HSV	357°, 37%, 100%
XYZ	60.6023, 49.1182, 41.8840
YIQ	188.9750, 55.0150, 21.6950

Conversions

Conversions Part 2

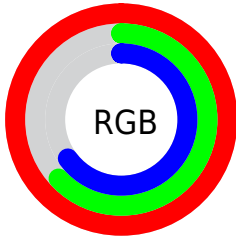
Format	Color
R _Y B	255, 160, 165
Decimal	16752805
CIE Lab	75.52, 35.84, 12.35
CIE LCh	76, 37.912, 19.007
Yxy	49.1182, 0.3997, 0.3240
Android (android.graphics.Color)	4294942885 (0xFFFFA0A5)
YUV	188.9750, -11.8197, 57.9039
Hunter-Lab	70.0844, 31.7022, 13.6260

Details

The XYZ color **60.6023, 49.1182, 41.8840** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5147, 85.8967, 103.4683**, and the grayscale version is **48.4001, 50.9207, 55.4526**.

A 20% lighter version of the original color is **78.7141, 75.5390, 78.1420**, and **31.0033, 23.4434, 18.5138** is the 20% darker color. If you saturate the color by 10%, you get **54.6313, 40.3690, 30.0503**, and if you desaturate by 10%, it is **67.8979, 59.8514, 56.2094**.

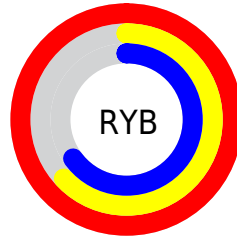
Distribution



Red (100%)

Green (63%)

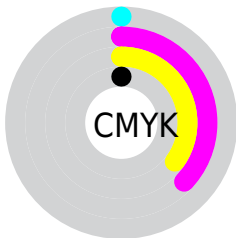
Blue (65%)



Red (100%)

Yellow (63%)

Blue (65%)

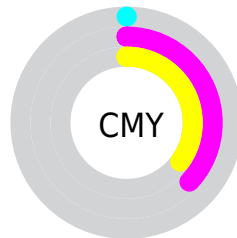


Cyan (0%)

Magenta (37%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6023, 49.1182, 41.8840 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 60.6023, 49.1182, 41.8840 by changing the saturation by 10% instead.


 60.6023, 49.1182,
41.8840


 60.6023, 49.1182,
41.8840


416.6135,
383.2075, 369.7873

 44.1556, 34.7133,
28.6856


 104.8043, 88.8670,
79.2922

 30.9913, 23.4421,
18.5996


 133.2902,
114.9796, 104.3391

 20.7440, 14.9203,
11.2074


166.5200,
145.7636, 134.1726

 13.0484, 8.7634,
6.0906

204.8590,
181.6033, 169.2111

 7.5391, 4.5872,
2.8306

248.6725,
222.8831, 209.8734

 3.8508, 2.0072,
1.0088

298.3258,

 1.6181, 0.6116,

269.9875, 256.5778

0.0000

354.1844,
323.3008, 309.7429

■ 0.4041, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6023, 49.1182,
41.8840

■ 60.6023, 49.1182,
41.8840

■ 54.6313, 40.3690,
30.0503

■ 67.8979, 59.8514,
56.2094

■ 49.9016, 33.4756,
20.5633

■ 76.5868, 72.6722,
73.1544

■ 46.3269, 28.3062,
13.2675

■ 86.7377, 87.6856,
92.8417

■ 43.8079, 24.7086,
7.9876

95.0500, 100.0000,
108.9000

■ 42.2287, 22.5039,
4.5211

■ 41.4427, 21.4628,
2.6224

■ 41.3153, 21.2901,
2.3265

Harmonies

Analogous

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



61.1835, 49.1182, 61.1738



60.6023, 49.1182, 41.8840



56.0826, 49.1182, 29.3437

Triad

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



60.6023, 49.1182, 41.8840



37.2454, 49.1182, 31.9714



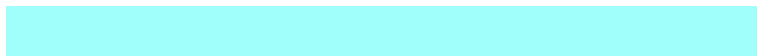
44.1655, 49.1182, 100.9467

Complementary

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



60.6023, 49.1182, 41.8840



67.5147, 85.8967, 103.4683

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.



38.4013, 49.1182, 88.1711



60.6023, 49.1182, 41.8840



34.6801, 49.1182, 46.4625

Square

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



60.6023, 49.1182, 41.8840



42.4376, 49.1182, 24.6879



35.0810, 49.1182, 67.0433



51.2075, 49.1182, 98.8321

Rectangle

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



60.6023, 49.1182, 41.8840



51.6752, 49.1182, 24.9619



35.0810, 49.1182, 67.0433



42.0276, 49.1182, 98.1455

Sweetspot

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



60.6036, 49.1206, 41.8850



82.7581, 81.7959, 85.1347



69.5703, 52.4426, 101.0634



17.4166, 17.0684, 17.6464



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.



60.6036, 49.1206, 41.8850



55.8650, 42.1735, 32.5057



68.5121, 65.6511, 42.3218



18.0481, 18.0025, 18.8704



21.6039, 11.1308, 1.2986



2.1165, 1.0890, 0.1949

Inverse Universe

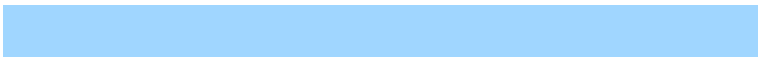
The Inverse Universe completely reimagines the original color for something new.



60.6036, 49.1206, 41.8850



55.8650, 42.1735, 32.5057



56.5537, 62.7046, 103.7302



18.0481, 18.0025, 18.8704



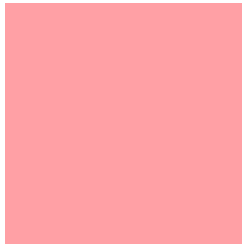
21.6039, 11.1308, 1.2986



2.1165, 1.0890, 0.1949

Previews

White Background



This preview shows how the XYZ color 60.6023, 49.1182, 41.8840 looks on a white background.

Color Contrast Check

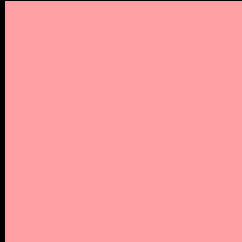
Large Text (above 18pt) WCAG AA × Fail

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 60.6023, 49.1182, 41.8840 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 60.6023, 49.1182, 41.8840

Background



This preview shows how black text looks on a background with the XYZ color 60.6023, 49.1182, 41.8840.



This preview shows how white text looks on a background with the XYZ color 60.6023, 49.1182,

41.8840.

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

60.6023, 49.1182, 41.8840

Protanopia

47.4338, 49.5790, 49.7175

Deuteranopia

50.2834, 49.3973, 41.0668



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

60.6023, 49.1182, 41.8840



Protanomaly

51.3865, 48.9473, 46.7838



Deuteranomaly

53.5493, 49.0255, 41.2908



Tritanomaly

60.7996, 48.9208, 43.7743

Monochromacy



Original Color

60.6023, 49.1182, 41.8840



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.5992, 49.2822, 49.9729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6023, 49.1182, 41.8840 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, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 165)  
}
```

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, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 165) }
```

Border

The CSS property to change the border of an element to XYZ 60.6023, 49.1182, 41.8840 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, 160, 165) }
```


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

```
.border{ border-color:rgb(255, 160, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 160, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 160, 165); box-shadow:4px 4px 4px 4px rgb(255, 160, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6023, 49.1182, 41.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 165) }
```

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

```
.background{ background-color: rgb(255,  
160, 165) }
```

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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