

Converting Colors

XYZ(61.2802, 51.5743, 40.7680)

Have a look what the booklet for
XYZ(61.2802, 51.5743, 40.7680)
contains.

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Color

**XYZ(61.3973, 51.6847,
40.9226)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA8A2
RGB	254, 168, 162
RGB Percent	100%, 66%, 64%
CMY	0.0039, 0.3412, 0.3647
CMYK	0.00, 0.34, 0.36, 0.00
HSL	4°, 98%, 82%
HSV	4°, 36%, 100%
XYZ	61.3973, 51.6847, 40.9226
YIQ	193.0300, 53.1820, 16.3660

Conversions

Conversions Part 2

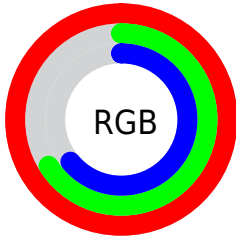
Format	Color
R _Y B	254, 168, 162
Decimal	16689314
CIE Lab	77.09, 30.96, 16.17
CIE LCh	77, 34.932, 27.576
Yxy	51.6847, 0.3987, 0.3356
Android (android.graphics.Color)	4294879394 (0xFFFEA8A2)
YUV	193.0300, -15.2978, 53.4707
Hunter-Lab	71.8921, 26.6315, 16.5752

Details

The XYZ color **61.3973, 51.6847, 40.9226** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3559, 81.9690, 106.0904**, and the grayscale version is **50.7726, 53.4167, 58.1708**.

A 20% lighter version of the original color is **80.4200, 79.5811, 76.7677**, and **31.4509, 24.9894, 17.9176** is the 20% darker color. If you saturate the color by 10%, you get **55.3733, 42.8923, 28.8778**, and if you desaturate by 10%, it is **68.6803, 62.2649, 55.6378**.

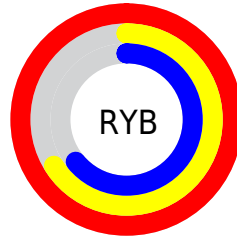
Distribution



Red (100%)

Green (66%)

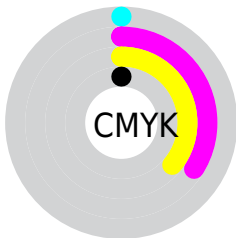
Blue (64%)



Red (100%)

Yellow (66%)

Blue (64%)

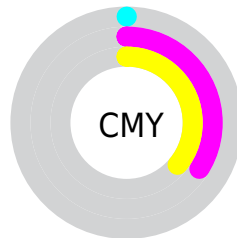


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3973, 51.6847, 40.9226 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 61.3973, 51.6847, 40.9226 by changing the saturation by 10% instead.


 61.3973, 51.6847,
40.9226

 61.3973, 51.6847,
40.9226


419.4819,
393.2182, 365.6641

 44.7996, 36.7538,
27.9394

 105.9488, 92.6661,
77.8188

 31.5002, 25.0169,
18.0413


 134.6334,
119.4854, 102.5688

 21.1338, 16.0897,
10.8099


168.0777,
151.0362, 132.0782

 13.3348, 9.5876,
5.8266

206.6470,
187.7031, 166.7654

 7.7381, 5.1264,
2.6728

250.7068,
229.8703, 207.0491

 3.9782, 2.3216,
0.9297

300.6223,

 1.6898, 0.7851,

277.9223, 253.3477

0.0000

356.7588,
332.2434, 306.0799

■ 0.4499, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3973, 51.6847,
40.9226

■ 61.3973, 51.6847,
40.9226

■ 55.3733, 42.8923,
28.8778

■ 68.6803, 62.2649,
55.6378

■ 50.5329, 35.7819,
19.3403

■ 77.2837, 74.7160,
73.1670

■ 46.7993, 30.2484,
12.1341

■ 87.2700, 89.1251,
93.6474

■ 44.0844, 26.1715,
7.0589

94.6831, 99.8109,
108.8828

■ 42.2872, 23.4137,
3.8807

■ 41.2853, 21.8111,
2.3097

■ 41.0671, 21.4588,
1.9775

Harmonies

Analogous

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



63.0904, 51.6847, 57.8445



61.3973, 51.6847, 40.9226



56.3301, 51.6847, 30.6094

Triad

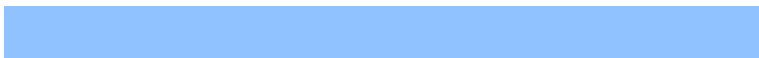
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3973, 51.6847, 40.9226



39.0714, 51.6847, 38.7840



48.5840, 51.6847, 101.5480

Complementary

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



61.3973, 51.6847, 40.9226



66.3559, 81.9690, 106.0904

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.



42.5617, 51.6847, 93.3381



61.3973, 51.6847, 40.9226



37.3890, 51.6847, 54.7358

Square

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



61.3973, 51.6847, 40.9226



43.4217, 51.6847, 29.5854



38.6074, 51.6847, 75.0565



55.3065, 51.6847, 95.5328

Rectangle

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



61.3973, 51.6847, 40.9226



51.9371, 51.6847, 27.4790



38.6074, 51.6847, 75.0565



46.4158, 51.6847, 100.3262

Sweetspot

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



61.3987, 51.6872, 40.9236



83.0570, 82.7208, 84.2260



70.9551, 53.7766, 96.5903



17.4871, 17.2864, 17.4322



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.



61.3987, 51.6872, 40.9236



57.6886, 45.9367, 32.7559



71.0888, 71.0674, 44.1536



18.1045, 18.1773, 18.6987



21.6862, 11.3836, 1.0543



2.1433, 1.1720, 0.1132

Inverse Universe

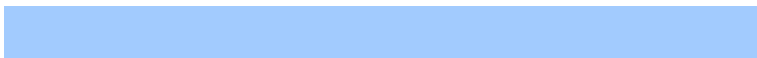
The Inverse Universe completely reimagines the original color for something new.



66.3559, 81.9690, 106.0904



63.3079, 80.3097, 106.7724



54.2407, 57.7387, 102.0520



18.4474, 20.2663, 23.1895



25.5048, 35.9192, 55.0234



2.5127, 3.5561, 5.3672

Previews

White Background



This preview shows how the XYZ color 61.3973, 51.6847, 40.9226 looks on a white background.

Color Contrast Check

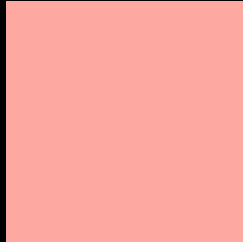
Large Text (above 18pt) WCAG AA × Fail

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 61.3973, 51.6847, 40.9226 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 61.3973, 51.6847, 40.9226

Background



This preview shows how black text looks on a background with the XYZ color 61.3973, 51.6847, 40.9226.



This preview shows how white text looks on a background with the XYZ color 61.3973, 51.6847,

40.9226.

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

61.3973, 51.6847, 40.9226

Protanopia

49.2450, 51.8498, 46.9477

Deuteranopia

52.7067, 51.5858, 39.9800



Tritanopia

62.9121, 51.7468, 48.7918

Trichromacy



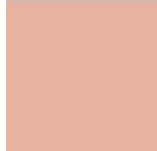
Original Color

61.3973, 51.6847, 40.9226



Protanomaly

52.8028, 51.2259, 44.6407



Deuteranomaly

55.5443, 51.5347, 40.2774



Tritanomaly

62.5051, 51.8760, 45.7484

Monochromacy



Original Color

61.3973, 51.6847, 40.9226



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.6083, 52.1055, 51.4879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3973, 51.6847, 40.9226 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, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 168, 162)  
}
```

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, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 61.3973, 51.6847, 40.9226 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, 168, 162) }
```


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

```
.border{ border-color:rgb(254, 168, 162) }
```

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

Here you see how a box with a 4 pixel rgb(254, 168, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 168,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3973, 51.6847, 40.9226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 168, 162) }
```

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

```
.background{ background-color: rgb(254,  
168, 162) }
```

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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