

Converting Colors

XYZ(61.4448, 50.9807, 41.6175)

Have a look what the booklet for
XYZ(61.4448, 50.9807, 41.6175)
contains.

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Color

**XYZ(61.3960, 50.8506,
41.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5A4
RGB	255, 165, 164
RGB Percent	100%, 65%, 64%
CMY	0.0000, 0.3529, 0.3569
CMYK	0.00, 0.35, 0.36, 0.00
HSL	1°, 100%, 82%
HSV	1°, 36%, 100%
XYZ	61.3960, 50.8506, 41.7012
YIQ	191.7960, 53.9610, 18.7690

Conversions

Conversions Part 2

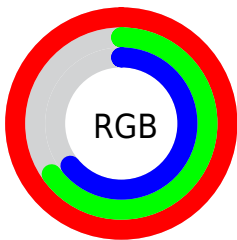
Format	Color
R _Y B	255, 165, 164
Decimal	16754084
CIE Lab	76.59, 33.13, 14.39
CIE LCh	77, 36.122, 23.481
Yxy	50.8506, 0.3988, 0.3303
Android (android.graphics.Color)	4294944164 (0xFFFFA5A4)
YUV	191.7960, -13.7034, 55.4299
Hunter-Lab	71.3096, 28.8928, 15.2445

Details

The XYZ color **61.3960, 50.8506, 41.7012** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.8002, 85.9928, 107.5799**, and the grayscale version is **50.0405, 52.6465, 57.3320**.

A 20% lighter version of the original color is **79.8826, 78.0874, 77.8799**, and **31.4838, 24.4940, 18.3977** is the 20% darker color. If you saturate the color by 10%, you get **55.2110, 41.8039, 29.3945**, and if you desaturate by 10%, it is **68.9420, 61.8804, 56.7404**.

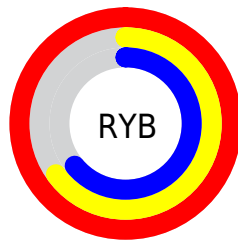
Distribution



Red (100%)

Green (65%)

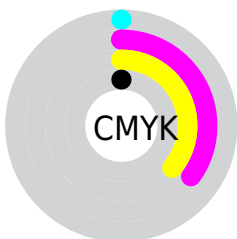
Blue (64%)



Red (100%)

Yellow (65%)

Blue (64%)

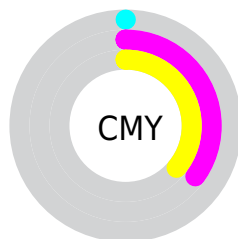


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3960, 50.8506, 41.7012 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 61.3960, 50.8506, 41.7012 by changing the saturation by 10% instead.


 61.3960, 50.8506,
41.7012


 61.3960, 50.8506,
41.7012


419.4772,
389.9831, 369.0059

 44.7986, 36.0897,
28.5436

 105.9470, 91.4339,
79.0124

 31.4994, 24.5035,
18.4932


 134.6312,
118.0251, 104.0031

 21.1331, 15.7075,
11.1316

168.0752,
149.3285, 133.7751

 13.3344, 9.3174,
6.0401

206.6441,
185.7286, 168.7472

 7.7378, 4.9488,
2.8003

250.7035,
227.6097, 209.3378

 3.9780, 2.2173,
0.9936

300.6185,

 1.6897, 0.7294,

275.3562, 255.9654

0.0000

356.7546,
329.3525, 309.0485

0.4498, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.3960, 50.8506,
41.7012

61.3960, 50.8506,
41.7012

55.2110, 41.8039,
29.3945

68.9420, 61.8804,
56.7404

50.3025, 34.6159,
19.6535

77.9194, 74.9933,
74.6592

46.5826, 29.1598,
12.2978

88.3979, 90.2915,
95.5980

43.9505, 25.2897,
7.1226

95.0500, 100.0000,
108.9000

■ 42.2889, 22.8359,
3.8884

■ 41.4534, 21.5902,
2.2991

■ 41.2706, 21.3212,
1.9402

Harmonies

Analogous

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



62.5787, 50.8506, 59.7451



61.3960, 50.8506, 41.7012



56.5700, 50.8506, 30.3214

Triad

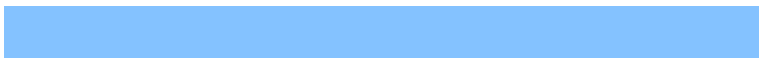
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3960, 50.8506, 41.7012



38.5334, 50.8506, 35.8776



46.8573, 50.8506, 101.7350

Complementary

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



61.3960, 50.8506, 41.7012



68.8002, 85.9928, 107.5799

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.



40.9353, 50.8506, 91.4002



61.3960, 50.8506, 41.7012



36.4303, 50.8506, 51.2094

Square

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



61.3960, 50.8506, 41.7012



43.2891, 50.8506, 27.5540



37.2665, 50.8506, 71.7347



53.7521, 50.8506, 97.4906

Rectangle

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



61.3960, 50.8506, 41.7012



52.1603, 50.8506, 26.5851



37.2665, 50.8506, 71.7347



44.6957, 50.8506, 99.7850

Sweetspot

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



61.3973, 50.8531, 41.7022



82.6385, 81.8837, 84.0865



72.5657, 55.0314, 101.4052



17.3884, 17.0891, 17.3993



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.



61.3973, 50.8531, 41.7022



56.7435, 44.0465, 32.4409



70.8644, 69.7874, 44.8579



18.0255, 18.0192, 18.6723



21.5717, 11.1547, 1.0161



2.1058, 1.0969, 0.1007

Inverse Universe

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



68.8002, 85.9928, 107.5799



65.1636, 84.0211, 107.3909



56.2836, 60.9596, 103.4077



18.5367, 20.4450, 23.2192



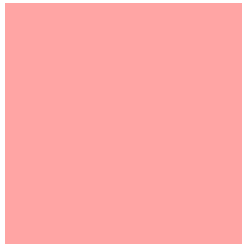
27.6586, 40.2268, 55.7414



2.6984, 3.9274, 5.4291

Previews

White Background



This preview shows how the XYZ color 61.3960, 50.8506, 41.7012 looks on a white background.

Color Contrast Check

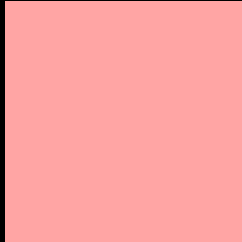
Large Text (above 18pt) WCAG AA × Fail

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 61.3960, 50.8506, 41.7012 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 61.3960, 50.8506, 41.7012

Background



This preview shows how black text looks on a background with the XYZ color 61.3960, 50.8506, 41.7012.



This preview shows how white text looks on a background with the XYZ color 61.3960, 50.8506,

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

61.3960, 50.8506, 41.7012

Protanopia

48.7990, 51.2655, 48.3976

Deuteranopia

52.0744, 50.9345, 40.8049



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

61.3960, 50.8506, 41.7012



Protanomaly

52.3829, 50.3728, 45.9918



Deuteranomaly

55.0019, 50.6482, 41.0596



Tritanomaly

61.9619, 50.7895, 45.5673

Monochromacy



Original Color

61.3960, 50.8506, 41.7012



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.1958, 51.2804, 51.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3960, 50.8506, 41.7012 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, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 164)  
}
```

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, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 61.3960, 50.8506, 41.7012 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, 165, 164) }
```


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

```
.border{ border-color:rgb(255, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3960, 50.8506, 41.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 164) }
```

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

```
.background{ background-color: rgb(255,  
165, 164) }
```

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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