

Converting Colors

XYZ(69.6982, 54.4805, 46.7013)

Have a look what the booklet for
XYZ(69.6982, 54.4805, 46.7013)
contains.

XYZ(61.9772, 50.5104, 46.5273)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.9772, 50.5104,
46.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3AE
RGB	255, 163, 174
RGB Percent	100%, 64%, 68%
CMY	0.0000, 0.3608, 0.3176
CMYK	0.00, 0.36, 0.32, 0.00
HSL	353°, 100%, 82%
HSV	353°, 36%, 100%
XYZ	61.9772, 50.5104, 46.5273
YIQ	191.7620, 51.3010, 22.9250

Conversions

Conversions Part 2

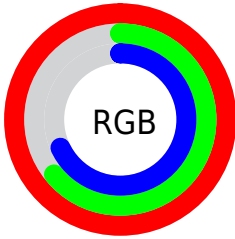
Format	Color
R _Y B	255, 163, 174
Decimal	16753582
CIE Lab	76.38, 35.38, 8.64
CIE LCh	76, 36.421, 13.717
Yxy	50.5104, 0.3898, 0.3176
Android (android.graphics.Color)	4294943662 (0xFFFFA3AE)
YUV	191.7620, -8.7567, 55.4597
Hunter-Lab	71.0707, 31.2873, 10.9345

Details

The XYZ color **61.9772, 50.5104, 46.5273** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.1956, 85.8392, 98.6194**, and the grayscale version is **49.9938, 52.5974, 57.2786**.

A 20% lighter version of the original color is **80.7144, 77.5802, 84.8491**, and **31.8537, 24.2928, 21.4225** is the 20% darker color. If you saturate the color by 10%, you get **55.8885, 41.5480, 34.5862**, and if you desaturate by 10%, it is **69.3472, 61.4495, 60.7016**.

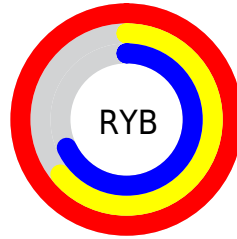
Distribution



Red (100%)

Green (64%)

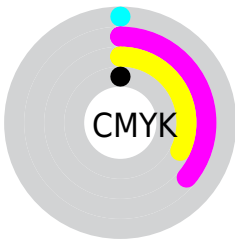
Blue (68%)



Red (100%)

Yellow (64%)

Blue (68%)

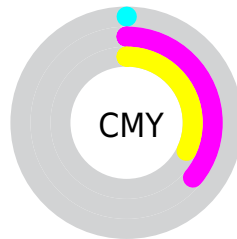


Cyan (0%)

Magenta (36%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9772, 50.5104, 46.5273 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 61.9772, 50.5104, 46.5273 by changing the saturation by 10% instead.


 61.9772, 50.5104,
46.5273


 61.9772, 50.5104,
46.5273

421.5668,
388.6586, 389.2635

 45.2698, 35.8191,
32.3105


 106.7827, 90.9307,
86.3502

 31.8722, 24.2945,
21.3320


 135.6115,
117.4284, 112.7933

 21.4190, 15.5522,
13.1733


169.2115,
148.6304, 144.1489

 13.5448, 9.2079,
7.4158

207.9481,
184.9211, 180.8356

 7.8843, 4.8770,
3.6411

252.1865,
226.6849, 223.2718

 4.0722, 2.1753,
1.4306

302.2922,

 1.7431, 0.7065,

274.3061, 271.8762

0.1654

358.6305,
328.1692, 327.0673

■ 0.4830, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9772, 50.5104,
46.5273

■ 61.9772, 50.5104,
46.5273

■ 55.8885, 41.5480,
34.5862

■ 69.3472, 61.4495,
60.7016

■ 51.0038, 34.4374,
24.7613

■ 78.0621, 74.4660,
77.2120

■ 47.2435, 29.0508,
16.9292

■ 88.1858, 89.6624,
96.1587

■ 44.5168, 25.2413,
10.9526

95.0500, 100.0000,
108.9000

■ 42.7184, 22.8370,
6.6765

■ 41.7196, 21.6256,
3.9197

■ 41.4805, 21.3562,
3.1963

Harmonies

Analogous

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



61.7964, 50.5104, 66.2681



61.9772, 50.5104, 46.5273



58.1732, 50.5104, 32.8270

Triad

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



61.9772, 50.5104, 46.5273



39.4678, 50.5104, 31.9874



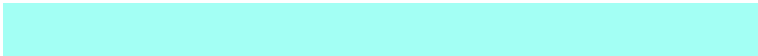
44.4089, 50.5104, 99.7421

Complementary

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



61.9772, 50.5104, 46.5273



67.1956, 85.8392, 98.6194

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.



39.1029, 50.5104, 85.4082



61.9772, 50.5104, 46.5273



36.4413, 50.5104, 45.0828

Square

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



61.9772, 50.5104, 46.5273



44.9521, 50.5104, 25.8845



36.3144, 50.5104, 64.4374



51.2006, 50.5104, 100.3938

Rectangle

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



61.9772, 50.5104, 46.5273



54.0813, 50.5104, 27.6313



36.3144, 50.5104, 64.4374



42.4084, 50.5104, 96.2341

Sweetspot

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



61.9785, 50.5128, 46.5283



83.0208, 81.9010, 86.5185



68.0189, 52.4242, 101.1416



17.4787, 17.0932, 17.9731



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.



61.9785, 50.5128, 46.5283



57.6297, 44.1022, 38.0285



67.7582, 63.7180, 43.3810



18.0977, 18.0224, 19.1314



21.7020, 11.1701, 1.8153



2.1399, 1.0983, 0.3180

Inverse Universe

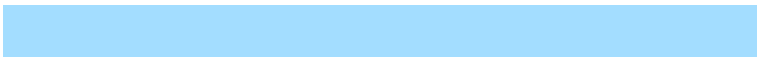
The Inverse Universe completely reimagines the original color for something new.



61.9785, 50.5128, 46.5283



57.6297, 44.1022, 38.0285



59.0832, 66.8624, 104.3995



18.0977, 18.0224, 19.1314



21.7020, 11.1701, 1.8153



2.1399, 1.0983, 0.3180

Previews

White Background



This preview shows how the XYZ color 61.9772, 50.5104, 46.5273 looks on a white background.

Color Contrast Check

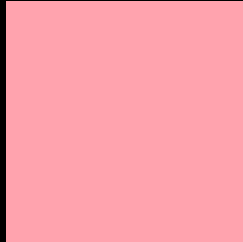
Large Text (above 18pt) WCAG AA × Fail

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 61.9772, 50.5104, 46.5273 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 61.9772, 50.5104, 46.5273

Background



This preview shows how black text looks on a background with the XYZ color 61.9772, 50.5104, 46.5273.



This preview shows how white text looks on a background with the XYZ color 61.9772, 50.5104,

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

61.9772, 50.5104, 46.5273

Protanopia

48.7985, 50.8037, 54.8111

Deuteranopia

51.8102, 50.6923, 45.5820



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

61.9772, 50.5104, 46.5273



Protanomaly

52.6917, 50.1062, 51.6941



Deuteranomaly

55.0895, 50.2965, 45.8344



Tritanomaly

62.0751, 50.5495, 47.0428

Monochromacy



Original Color

61.9772, 50.5104, 46.5273



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.3052, 50.9976, 52.9330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9772, 50.5104, 46.5273 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, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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(255, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 174) }
```

Border

The CSS property to change the border of an element to XYZ 61.9772, 50.5104, 46.5273 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, 163, 174) }
```


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

```
.border{ border-color:rgb(255, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9772, 50.5104, 46.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 174) }
```

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

```
.background{ background-color: rgb(255,  
163, 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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