

Converting Colors

XYZ(81.9802, 61.0403, 46.7095)

Have a look what the booklet for
XYZ(81.9802, 61.0403, 46.7095)
contains.

XYZ(61.9619, 50.7895, 45.5673)	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(61.9619, 50.7895,
45.5673)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4AC
RGB	255, 164, 172
RGB Percent	100%, 64%, 67%
CMY	0.0000, 0.3568, 0.3255
CMYK	0.00, 0.36, 0.33, 0.00
HSL	355°, 100%, 82%
HSV	355°, 36%, 100%
XYZ	61.9619, 50.7895, 45.5673
YIQ	192.1210, 51.6680, 21.7800

Conversions

Conversions Part 2

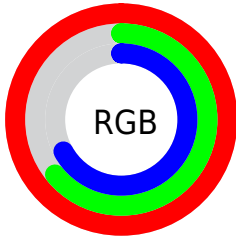
Format	Color
R _Y B	255, 164, 172
Decimal	16753836
CIE Lab	76.55, 34.61, 9.97
CIE LCh	77, 36.023, 16.072
Yxy	50.7895, 0.3914, 0.3208
Android (android.graphics.Color)	4294943916 (0xFFFFA4AC)
YUV	192.1210, -9.9197, 55.1449
Hunter-Lab	71.2668, 30.4776, 11.9773

Details

The XYZ color **61.9619, 50.7895, 45.5673** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.8606, 86.1290, 101.0481**, and the grayscale version is **50.2098, 52.8246, 57.5260**.

A 20% lighter version of the original color is **80.6983, 77.9925, 83.4738**, and **31.8396, 24.4607, 20.8126** is the 20% darker color. If you saturate the color by 10%, you get **55.8055, 41.7444, 33.4419**, and if you desaturate by 10%, it is **69.4266, 61.8255, 60.0588**.

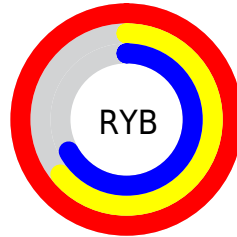
Distribution



Red (100%)

Green (64%)

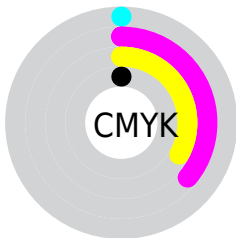
Blue (67%)



Red (100%)

Yellow (64%)

Blue (67%)

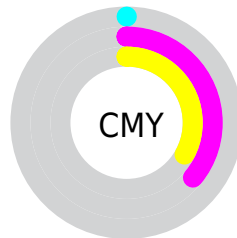


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9619, 50.7895, 45.5673 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 61.9619, 50.7895, 45.5673 by changing the saturation by 10% instead.


 61.9619, 50.7895,
45.5673


 61.9619, 50.7895,
45.5673


421.5119,
389.7454, 385.2932

 45.2574, 36.0411,
31.5583


 106.7607, 91.3435,
84.8985

 31.8624, 24.4659,
20.7623


 135.5857,
117.9180, 111.0578

 21.4114, 15.6796,
12.7608


169.1816,
149.2032, 142.1043

 13.5392, 9.2977,
7.1353

207.9138,
185.5837, 178.4565

 7.8805, 4.9359,
3.4671

252.1475,
227.4437, 220.5329

 4.0697, 2.2097,
1.3378

302.2482,

 1.7416, 0.7253,

275.1678, 268.7522

0.0925

358.5812,
329.1402, 323.5327

■ 0.4821, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9619, 50.7895,
45.5673

■ 61.9619, 50.7895,
45.5673

■ 55.8055, 41.7444,
33.4419

■ 69.4266, 61.8255,
60.0588

■ 50.8784, 34.5648,
23.5539

■ 78.2652, 74.9535,
77.0297

■ 47.0987, 29.1224,
15.7671

■ 88.5434, 90.2765,
96.5896

■ 44.3729, 25.2699,
9.9289

95.0500, 100.0000,
108.9000

■ 42.5929, 22.8353,
5.8662

■ 41.6265, 21.6062,
3.3748

■ 41.3887, 21.3195,
2.7133

Harmonies

Analogous

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



62.1116, 50.7895, 64.8148



61.9619, 50.7895, 45.5673



57.9265, 50.7895, 32.4755

Triad

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



61.9619, 50.7895, 45.5673



39.4548, 50.7895, 33.1752



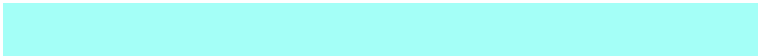
45.1940, 50.7895, 100.1987

Complementary

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



61.9619, 50.7895, 45.5673



67.8606, 86.1290, 101.0481

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.



39.7580, 50.7895, 86.8977



61.9619, 50.7895, 45.5673



36.6611, 50.7895, 46.7671

Square

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



61.9619, 50.7895, 45.5673



44.7433, 50.7895, 26.5550



36.7666, 50.7895, 66.3309



51.9855, 50.7895, 99.6608

Rectangle

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



61.9619, 50.7895, 45.5673



53.7745, 50.7895, 27.6458



36.7666, 50.7895, 66.3309



43.1618, 50.7895, 97.0842

Sweetspot

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



61.9632, 50.7919, 45.5683



82.8962, 81.8511, 85.8622



69.2979, 53.3482, 101.2526



17.4492, 17.0814, 17.8181



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.



61.9632, 50.7919, 45.5683



57.3340, 43.9839, 36.4710



68.6894, 65.4365, 44.1353



18.0742, 18.0130, 19.0077



21.6484, 11.1487, 1.5332



2.1288, 1.0939, 0.2598

Inverse Universe

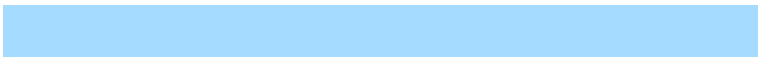
The Inverse Universe completely reimagines the original color for something new.



61.9632, 50.7919, 45.5683



57.3340, 43.9839, 36.4710



58.5892, 65.5692, 104.1759



18.0742, 18.0130, 19.0077



21.6484, 11.1487, 1.5332



2.1288, 1.0939, 0.2598

Previews

White Background



This preview shows how the XYZ color 61.9619, 50.7895, 45.5673 looks on a white background.

Color Contrast Check

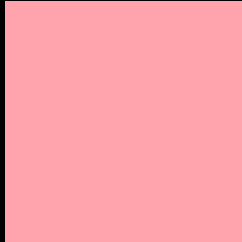
Large Text (above 18pt) WCAG AA × Fail

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 61.9619, 50.7895, 45.5673 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 61.9619, 50.7895, 45.5673

Background



This preview shows how black text looks on a background with the XYZ color 61.9619, 50.7895, 45.5673.



This preview shows how white text looks on a background with the XYZ color 61.9619, 50.7895,

45.5673.

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

61.9619, 50.7895, 45.5673

Protanopia

48.9883, 50.9386, 53.1491

Deuteranopia

51.9137, 50.7675, 44.5991



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

61.9619, 50.7895, 45.5673



Protanomaly

52.6772, 50.1344, 50.0805



Deuteranomaly

55.2188, 50.3852, 44.8452



Tritanomaly

62.2533, 50.9061, 47.1022

Monochromacy



Original Color

61.9619, 50.7895, 45.5673



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.5092, 51.4058, 53.0010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9619, 50.7895, 45.5673 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, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 172)  
}
```

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, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 172) }
```

Border

The CSS property to change the border of an element to XYZ 61.9619, 50.7895, 45.5673 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, 164, 172) }
```


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

```
.border{ border-color:rgb(255, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9619, 50.7895, 45.5673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 172) }
```

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

```
.background{ background-color: rgb(255,  
164, 172) }
```

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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