

Converting Colors

XYZ(64.9865, 52.7195, 44.5931)

Have a look what the booklet for
XYZ(64.9865, 52.7195, 44.5931)
contains.

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Color

**XYZ(61.9508, 51.0725,
44.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5AA
RGB	255, 165, 170
RGB Percent	100%, 65%, 67%
CMY	0.0000, 0.3529, 0.3333
CMYK	0.00, 0.35, 0.33, 0.00
HSL	357°, 100%, 82%
HSV	357°, 35%, 100%
XYZ	61.9508, 51.0725, 44.6230
YIQ	192.4800, 52.0350, 20.6350

Conversions

Conversions Part 2

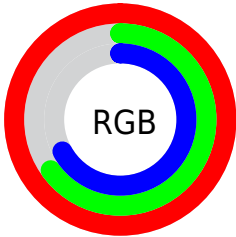
Format	Color
R _Y B	255, 165, 170
Decimal	16754090
CIE Lab	76.72, 33.85, 11.31
CIE LCh	77, 35.689, 18.474
Yxy	51.0725, 0.3930, 0.3240
Android (android.graphics.Color)	4294944170 (0xFFFFA5AA)
YUV	192.4800, -11.0826, 54.8300
Hunter-Lab	71.4650, 29.6723, 13.0046

Details

The XYZ color **61.9508, 51.0725, 44.6230** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5346, 86.4225, 103.5160**, and the grayscale version is **50.4262, 53.0523, 57.7740**.

A 20% lighter version of the original color is **80.6871, 78.4091, 82.1160**, and **31.8291, 24.6321, 20.2164** is the 20% darker color. If you saturate the color by 10%, you get **55.7279, 41.9450, 32.3190**, and if you desaturate by 10%, it is **69.5106, 62.2056, 59.4328**.

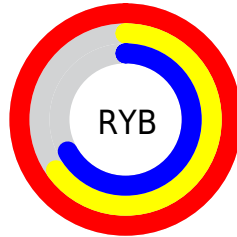
Distribution



Red (100%)

Green (65%)

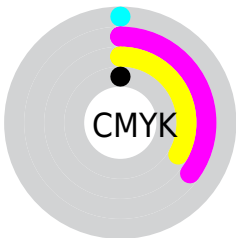
Blue (67%)



Red (100%)

Yellow (65%)

Blue (67%)

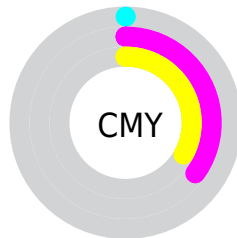


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9508, 51.0725, 44.6230 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 61.9508, 51.0725, 44.6230 by changing the saturation by 10% instead.


 61.9508, 51.0725,
44.6230


 61.9508, 51.0725,
44.6230


421.4720,
390.8454, 381.3601

 45.2484, 36.2663,
30.8198


 106.7448, 91.7619,
83.4668

 31.8552, 24.6399,
20.2044


 135.5670,
118.4140, 109.3446

 21.4060, 15.8090,
12.3581


169.1600,
149.7834, 140.0842

 13.5352, 9.3891,
6.8626

207.8889,
186.2546, 176.1043

 7.8776, 4.9958,
3.2992

252.1192,
228.2120, 217.8234

 4.0679, 2.2448,
1.2493

302.2163,

 1.7406, 0.7443,

276.0400, 265.6600

0.0197

358.5454,
330.1230, 320.0327

■ 0.4815, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9508, 51.0725,
44.6230

■ 61.9508, 51.0725,
44.6230

■ 55.7279, 41.9450,
32.3190

■ 69.5106, 62.2056,
59.4328

■ 50.7605, 34.6971,
22.3795

■ 78.4748, 75.4460,
76.8733

■ 46.9641, 29.2000,
14.6536

■ 88.9109, 90.8971,
97.0645

■ 44.2425, 25.3056,
8.9717

95.0500, 100.0000,
108.9000

■ 42.4841, 22.8415,
5.1397

■ 41.5524, 21.5954,
2.9261

■ 41.3203, 21.2921,
2.3529

Harmonies

Analogous

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



62.4320, 51.0725, 63.3874



61.9508, 51.0725, 44.6230



57.6844, 51.0725, 32.1277

Triad

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



61.9508, 51.0725, 44.6230



39.4437, 51.0725, 34.3930



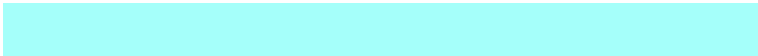
45.9907, 51.0725, 100.6648

Complementary

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



61.9508, 51.0725, 44.6230



68.5346, 86.4225, 103.5160

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.



40.4221, 51.0725, 88.4107



61.9508, 51.0725, 44.6230



36.8834, 51.0725, 48.4950

Square

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



61.9508, 51.0725, 44.6230



44.5377, 51.0725, 27.2374



37.2242, 51.0725, 68.2652



52.7813, 51.0725, 98.9394

Rectangle

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



61.9508, 51.0725, 44.6230



53.4723, 51.0725, 27.6610



37.2242, 51.0725, 68.2652



43.9261, 51.0725, 97.9469

Sweetspot

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



61.9521, 51.0750, 44.6240



82.7695, 81.8004, 85.1948



70.5734, 54.2724, 101.3637



17.4193, 17.0694, 17.6606



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.



61.9521, 51.0750, 44.6240



57.6340, 44.7363, 36.1011



69.6259, 67.1643, 44.8948



18.0502, 18.0034, 18.8817



21.6070, 11.1321, 1.3149



2.1175, 1.0894, 0.2003

Inverse Universe

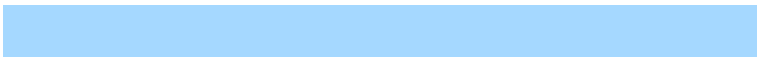
The Inverse Universe completely reimagines the original color for something new.



61.9521, 51.0750, 44.6240



57.6340, 44.7363, 36.1011



58.1250, 64.3332, 103.9618



18.0502, 18.0034, 18.8817



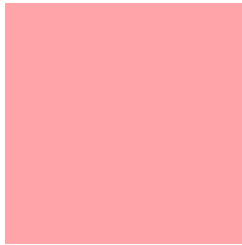
21.6070, 11.1321, 1.3149



2.1175, 1.0894, 0.2003

Previews

White Background



This preview shows how the XYZ color 61.9508, 51.0725, 44.6230 looks on a white background.

Color Contrast Check

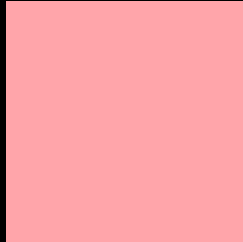
Large Text (above 18pt) WCAG AA × Fail

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 61.9508, 51.0725, 44.6230 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 61.9508, 51.0725, 44.6230

Background



This preview shows how black text looks on a background with the XYZ color 61.9508, 51.0725, 44.6230.



This preview shows how white text looks on a background with the XYZ color 61.9508, 51.0725,

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

61.9508, 51.0725, 44.6230

Protanopia

49.2505, 51.4162, 52.1283

Deuteranopia

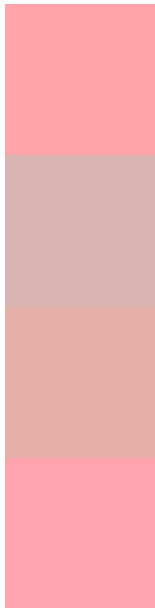
52.2274, 51.2559, 43.6999



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

61.9508, 51.0725, 44.6230

Protanomaly

52.9724, 50.6086, 49.0960

Deuteranomaly

55.2263, 50.7008, 43.9213

Tritanomaly

62.1554, 50.8669, 46.5867

Monochromacy



Original Color

61.9508, 51.0725, 44.6230

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.4040, 51.3637, 52.4469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9508, 51.0725, 44.6230 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 61.9508, 51.0725, 44.6230 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, 170) }
```


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

```
.border{ border-color:rgb(255, 165, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9508, 51.0725, 44.6230 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
165, 170) }
```

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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