

Converting Colors

XYZ(61.0554, 51.5522, 45.5015)

Have a look what the booklet for
XYZ(61.0554, 51.5522, 45.5015)
contains.

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Color

**XYZ(60.9630, 51.6402,
45.2825)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA9AB
RGB	250, 169, 171
RGB Percent	98%, 66%, 67%
CMY	0.0196, 0.3372, 0.3294
CMYK	0.00, 0.32, 0.32, 0.02
HSL	359°, 89%, 82%
HSV	359°, 32%, 98%
XYZ	60.9630, 51.6402, 45.2825
YIQ	193.4470, 47.6340, 17.7940

Conversions

Conversions Part 2

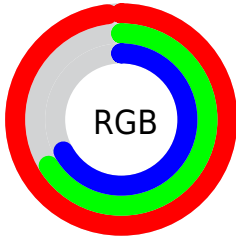
Format	Color
R _Y B	250, 169, 171
Decimal	16427435
CIE Lab	77.07, 30.06, 11.17
CIE LCh	77, 32.066, 20.388
Yxy	51.6402, 0.3861, 0.3271
Android (android.graphics.Color)	4294617515 (0xFFFAA9AB)
YUV	193.4470, -11.0664, 49.5970
Hunter-Lab	71.8611, 25.6726, 12.9418

Details

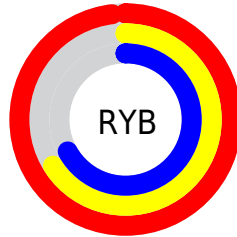
The XYZ color **60.9630, 51.6402, 45.2825** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.4934, 83.5847, 101.3876**, and the grayscale version is **50.9964, 53.6521, 58.4272**.

A 20% lighter version of the original color is **81.8927, 80.6014, 83.1929**, and **31.3134, 25.0292, 20.6335** is the 20% darker color. If you saturate the color by 10%, you get **54.6351, 42.3671, 32.7445**, and if you desaturate by 10%, it is **68.6116, 62.8681, 60.3771**.

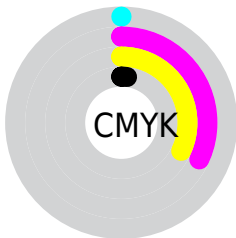
Distribution



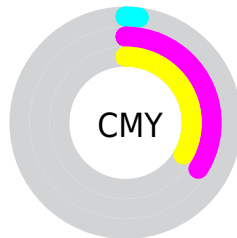
- Red (98%)
- Green (66%)
- Blue (67%)



- Red (98%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9630, 51.6402, 45.2825 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 60.9630, 51.6402, 45.2825 by changing the saturation by 10% instead.


 60.9630, 51.6402,
45.2825

 60.9630, 51.6402,
45.2825


417.9164,
393.0460, 384.1099

 44.4477, 36.7184,
31.3354

 105.3238, 92.6004,
84.4671

 31.2221, 24.9895,
20.5938


133.9000,
119.4075, 110.5417

 20.9207, 16.0692,
12.6391


167.2273,
150.9453, 141.4959

 13.1782, 9.5732,
7.0527

205.6709,
187.5979, 177.7483

 7.6292, 5.1169,
3.4161

249.5963,
229.7499, 219.7173

 3.9084, 2.3160,
1.3108

299.3687,

 1.6504, 0.7822,

277.7857, 267.8216

0.0706

355.3537,
332.0896, 322.4796

■ 0.4249, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9630, 51.6402,
45.2825

■ 60.9630, 51.6402,
45.2825

■ 54.6351, 42.3671,
32.7445

■ 68.6116, 62.8681,
60.3771

■ 49.5493, 34.9301,
22.6186

■ 77.6454, 76.1456,
78.1556

■ 45.6251, 29.2095,
14.7510

■ 88.1296, 91.5703,
98.7406

■ 42.7710, 25.0683,
8.9687

■ 93.2344, 99.0640,
108.8150

■ 40.8814, 22.3483,
5.0735

■ 39.8296, 20.8589,
2.8295

■ 39.4582, 20.3375,
2.0227

Harmonies

Analogous

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



61.6264, 51.6402, 62.0463



60.9630, 51.6402, 45.2825



56.9762, 51.6402, 34.0510

Triad

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



60.9630, 51.6402, 45.2825



40.5617, 51.6402, 37.3566



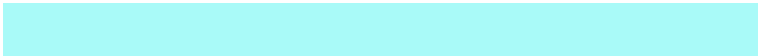
47.1431, 51.6402, 96.4429

Complementary

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



60.9630, 51.6402, 45.2825



67.4934, 83.5847, 101.3876

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.



41.9537, 51.6402, 86.3999



60.9630, 51.6402, 45.2825



38.3678, 51.6402, 50.7842

Square

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



60.9630, 51.6402, 45.2825



45.0951, 51.6402, 30.1787



38.8553, 51.6402, 68.8074



53.2982, 51.6402, 94.1143

Rectangle

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



60.9630, 51.6402, 45.2825



53.1402, 51.6402, 30.0758



38.8553, 51.6402, 68.8074



45.2367, 51.6402, 94.3344

Sweetspot

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



60.9644, 51.6427, 45.2835



83.6988, 83.2961, 86.6236



69.9083, 55.1093, 97.3952



17.6002, 17.3658, 17.9225



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.



60.9644, 51.6427, 45.2835



59.2246, 47.3548, 38.3663



68.8517, 67.7193, 46.9815



17.2619, 17.2321, 17.9692



20.9374, 10.7907, 1.1127



1.9451, 1.0018, 0.1341

Inverse Universe

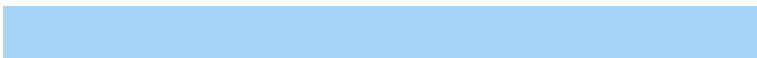
The Inverse Universe completely reimagines the original color for something new.



60.9644, 51.6427, 45.2835



59.2246, 47.3548, 38.3663



57.2132, 62.5265, 99.4960



17.2619, 17.2321, 17.9692



20.9374, 10.7907, 1.1127



1.9451, 1.0018, 0.1341

Previews

White Background



This preview shows how the XYZ color 60.9630, 51.6402, 45.2825 looks on a white background.

Color Contrast Check

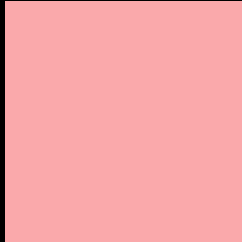
Large Text (above 18pt) WCAG AA × Fail

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 60.9630, 51.6402, 45.2825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

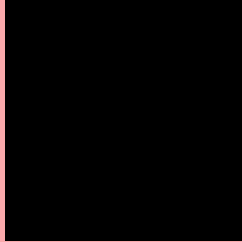
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9630, 51.6402, 45.2825

Background



This preview shows how black text looks on a background with the XYZ color 60.9630, 51.6402, 45.2825.



This preview shows how white text looks on a background with the XYZ color 60.9630, 51.6402,

45.2825.

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

60.9630, 51.6402, 45.2825

Protanopia

49.6219, 51.9401, 51.6661

Deuteranopia

52.8236, 51.8598, 44.2716



Tritanopia

62.0245, 51.8098, 49.9113

Trichromacy



Original Color

60.9630, 51.6402, 45.2825



Protanomaly

53.0827, 51.2692, 49.2177



Deuteranomaly

55.5946, 51.7628, 44.5972



Tritanomaly

61.7221, 51.6888, 48.3188

Monochromacy



Original Color

60.9630, 51.6402, 45.2825



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.6290, 52.0799, 53.1248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9630, 51.6402, 45.2825 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(250, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(250, 169, 171)  
}
```

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(250, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 60.9630, 51.6402, 45.2825 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(250, 169, 171) }
```


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

```
.border{ border-color:rgb(250, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(250, 169,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9630, 51.6402, 45.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 169, 171) }
```

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

```
.background{ background-color: rgb(250,  
169, 171) }
```

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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