

Converting Colors

XYZ(64.3654, 52.5602, 45.6071)

Have a look what the booklet for
XYZ(64.3654, 52.5602, 45.6071)
contains.

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Color

**XYZ(62.3226, 51.5110,
45.6876)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6AC
RGB	255, 166, 172
RGB Percent	100%, 65%, 67%
CMY	0.0000, 0.3490, 0.3255
CMYK	0.00, 0.35, 0.33, 0.00
HSL	356°, 100%, 83%
HSV	356°, 35%, 100%
XYZ	62.3226, 51.5110, 45.6876
YIQ	193.2950, 51.1180, 20.7340

Conversions

Conversions Part 2

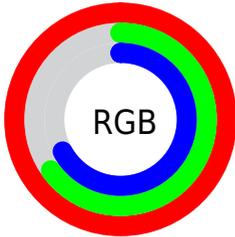
Format	Color
R _Y B	255, 166, 172
Decimal	16754348
CIE Lab	76.99, 33.57, 10.59
CIE LCh	77, 35.206, 17.511
Yxy	51.5110, 0.3907, 0.3229
Android (android.graphics.Color)	4294944428 (0xFFFFA6AC)
YUV	193.2950, -10.4984, 54.1153
Hunter-Lab	71.7712, 29.4012, 12.4974

Details

The XYZ color **62.3226, 51.5110, 45.6876** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5870, 86.4676, 102.7020**, and the grayscale version is **50.9021, 53.5530, 58.3192**.

A 20% lighter version of the original color is **81.2264, 79.0486, 83.6499**, and **32.0602, 24.9021, 20.8861** is the 20% darker color. If you saturate the color by 10%, you get **56.0549, 42.3096, 33.3201**, and if you desaturate by 10%, it is **69.9207, 62.7187, 60.5162**.

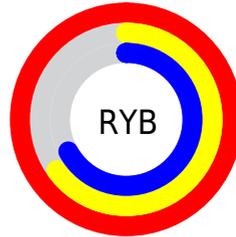
Distribution



Red (100%)

Green (65%)

Blue (67%)



Red (100%)

Yellow (65%)

Blue (67%)

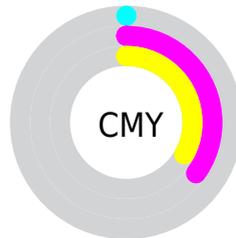


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3226, 51.5110, 45.6876 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 62.3226, 51.5110, 45.6876 by changing the saturation by 10% instead.

 62.3226, 51.5110,
45.6876

 62.3226, 51.5110,
45.6876

422.8057,
392.5459, 385.7923

 45.5500, 36.6154,
31.6525

 107.2790, 92.4097,
85.0806

 32.0940, 24.9099,
20.8336

 136.1934,
119.1816, 111.2756

 21.5892, 16.0099,
12.8124

169.8859,
150.6811, 142.3610

 13.6703, 9.5312,
7.1703

208.7217,
187.2925, 178.7553

 7.9719, 5.0892,
3.4887

253.0662,
229.4003, 220.8770

 4.1286, 2.2997,
1.3493

303.2849,

 1.7751, 0.7736,

277.3889, 269.1447

0.1017

359.7429,
331.6426, 323.9770

■ 0.5026, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3226, 51.5110,
45.6876

■ 62.3226, 51.5110,
45.6876

■ 56.0549, 42.3096,
33.3201

■ 69.9207, 62.7187,
60.5162

■ 51.0373, 34.9893,
23.2775

■ 78.9154, 76.0335,
77.9257

■ 47.1867, 29.4222,
15.4153

■ 89.3735, 91.5584,
98.0321

■ 44.4088, 25.4616,
9.5715

95.0500, 100.0000,
108.9000

■ 42.5941, 22.9367,
5.5612

■ 41.6096, 21.6383,
3.1659

■ 41.3426, 21.3010,
2.4701

Harmonies

Analogous

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



62.6669, 51.5110, 64.4623



62.3226, 51.5110, 45.6876



58.2011, 51.5110, 33.0143

Triad

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



62.3226, 51.5110, 45.6876



40.0490, 51.5110, 34.6485



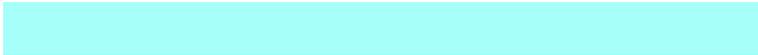
46.2224, 51.5110, 100.4481

Complementary

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



62.3226, 51.5110, 45.6876



68.5870, 86.4676, 102.7020

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.



40.7522, 51.5110, 87.9831



62.3226, 51.5110, 45.6876



37.4129, 51.5110, 48.4700

Square

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



62.3226, 51.5110, 45.6876



45.1794, 51.5110, 27.7143



37.6580, 51.5110, 67.9550



52.9451, 51.5110, 99.2173

Rectangle

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



62.3226, 51.5110, 45.6876



54.0622, 51.5110, 28.4060



37.6580, 51.5110, 67.9550



44.1888, 51.5110, 97.6206

Sweetspot

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



62.3239, 51.5135, 45.6886



83.8524, 83.3576, 87.4327



70.2515, 54.3754, 101.4006



17.6370, 17.3805, 18.1161



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.



62.3239, 51.5135, 45.6886



57.7402, 44.7788, 36.6606



69.5001, 66.7665, 45.3038



18.0590, 18.0069, 18.9278



21.6207, 11.1376, 1.3870



2.1217, 1.0910, 0.2221

Inverse Universe

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



62.3239, 51.5135, 45.6886



57.7402, 44.7788, 36.6606



58.8278, 65.4288, 104.1362



18.0590, 18.0069, 18.9278



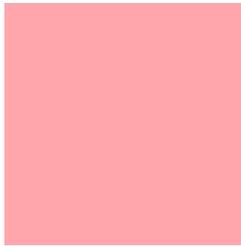
21.6207, 11.1376, 1.3870



2.1217, 1.0910, 0.2221

Previews

White Background



This preview shows how the XYZ color 62.3226, 51.5110, 45.6876 looks on a white background.

Color Contrast Check

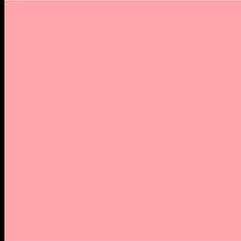
Large Text (above 18pt) WCAG AA × Fail

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 62.3226, 51.5110, 45.6876 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 62.3226, 51.5110, 45.6876

Background



This preview shows how black text looks on a background with the XYZ color 62.3226, 51.5110, 45.6876.



This preview shows how white text looks on a background with the XYZ color 62.3226, 51.5110,

45.6876.

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

62.3226, 51.5110, 45.6876

Protanopia

49.6761, 51.9318, 53.3046

Deuteranopia

52.9172, 51.8973, 44.7643



Tritanopia

62.7310, 51.3846, 48.7314

Trichromacy



Original Color

62.3226, 51.5110, 45.6876



Protanomaly

53.3774, 51.0947, 50.2290



Deuteranomaly

55.9328, 51.3355, 44.9910



Tritanomaly

62.5316, 51.3049, 47.6813

Monochromacy



Original Color

62.3226, 51.5110, 45.6876



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.0093, 51.9687, 53.0833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3226, 51.5110, 45.6876 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, 166, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 172) }
```

Border

The CSS property to change the border of an element to XYZ 62.3226, 51.5110, 45.6876 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, 166, 172) }
```

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

```
.border{ border-color:rgb(255, 166, 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, 166, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3226, 51.5110, 45.6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 172) }
```

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

```
.background{ background-color: rgb(255,  
166, 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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