

Converting Colors

XYZ(85.6188, 63.5677, 46.2061)

Have a look what the booklet for
XYZ(85.6188, 63.5677, 46.2061)
contains.

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Color

**XYZ(62.2269, 51.4727,
45.1836)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6AB
RGB	255, 166, 171
RGB Percent	100%, 65%, 67%
CMY	0.0000, 0.3490, 0.3294
CMYK	0.00, 0.35, 0.33, 0.00
HSL	357°, 100%, 83%
HSV	357°, 35%, 100%
XYZ	62.2269, 51.4727, 45.1836
YIQ	193.1810, 51.4390, 20.4230

Conversions

Conversions Part 2

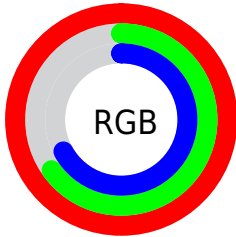
Format	Color
R _Y B	255, 166, 171
Decimal	16754347
CIE Lab	76.96, 33.45, 11.11
CIE LCh	77, 35.247, 18.366
Yxy	51.4727, 0.3917, 0.3240
Android (android.graphics.Color)	4294944427 (0xFFFFA6AB)
YUV	193.1810, -10.9352, 54.2153
Hunter-Lab	71.7445, 29.2675, 12.8812

Details

The XYZ color **62.2269, 51.4727, 45.1836** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.7434, 86.5302, 103.5257**, and the grayscale version is **50.8373, 53.4848, 58.2450**.

A 20% lighter version of the original color is **81.0887, 78.9935, 82.9249**, and **31.9999, 24.8779, 20.5681** is the 20% darker color. If you saturate the color by 10%, you get **55.9534, 42.2690, 32.7856**, and if you desaturate by 10%, it is **69.8397, 62.6863, 60.0900**.

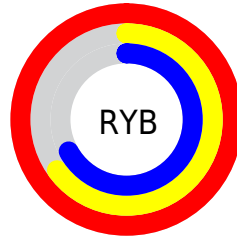
Distribution



Red (100%)

Green (65%)

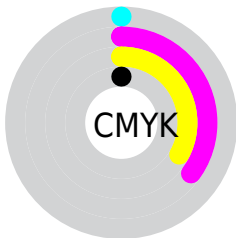
Blue (67%)



Red (100%)

Yellow (65%)

Blue (67%)

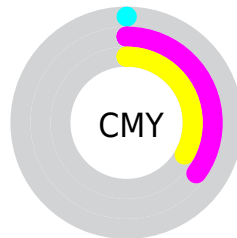


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2269, 51.4727, 45.1836 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 62.2269, 51.4727, 45.1836 by changing the saturation by 10% instead.


 62.2269, 51.4727,
45.1836

 62.2269, 51.4727,
45.1836


422.4626,
392.3975, 383.6984

 45.4724, 36.5849,
31.2581


 107.1415, 92.3531,
84.3172

 32.0325, 24.8863,
20.5353


 136.0322,
119.1146, 110.3624

 21.5420, 15.9924,
12.5968


169.6991,
150.6027, 141.2845

 13.6355, 9.5187,
7.0241

208.5075,
187.2019, 177.5021

 7.9476, 5.0811,
3.3985

252.8226,
229.2966, 219.4338

 4.1129, 2.2949,
1.3015

303.0100,

 1.7662, 0.7710,

277.2712, 267.4980

0.0630

359.4349,
331.5100, 322.1134

■ 0.4972, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2269, 51.4727,
45.1836

■ 62.2269, 51.4727,
45.1836

■ 55.9534, 42.2690,
32.7856

■ 69.8397, 62.6863,
60.0900

■ 50.9381, 34.9496,
22.7553

■ 78.8590, 76.0109,
77.6290

■ 47.0970, 29.3863,
14.9428

■ 89.3522, 91.5499,
97.9202

■ 44.3344, 25.4318,
9.1797

95.0500, 100.0000,
108.9000

■ 42.5394, 22.9148,
5.2734

■ 41.5771, 21.6253,
2.9948

■ 41.3214, 21.2926,
2.3586

Harmonies

Analogous

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



62.6887, 51.4727, 63.8362



62.2269, 51.4727, 45.1836



58.0112, 51.4727, 32.7039

Triad

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



62.2269, 51.4727, 45.1836



39.8947, 51.4727, 34.8952



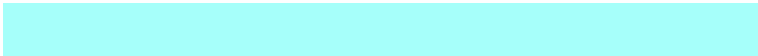
46.3658, 51.4727, 100.6186

Complementary

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



62.2269, 51.4727, 45.1836



68.7434, 86.5302, 103.5257

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.



40.8378, 51.4727, 88.4698



62.2269, 51.4727, 45.1836



37.3366, 51.4727, 48.9150

Square

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



62.2269, 51.4727, 45.1836



44.9671, 51.4727, 27.7690



37.6653, 51.4727, 68.5209



53.1049, 51.4727, 98.9676

Rectangle

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



62.2269, 51.4727, 45.1836



53.8388, 51.4727, 28.2229



37.6653, 51.4727, 68.5209



44.3164, 51.4727, 97.9180

Sweetspot

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



62.2282, 51.4752, 45.1846



83.8119, 83.3414, 87.2195



70.7783, 54.6469, 101.4252



17.6273, 17.3766, 18.0651



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.



62.2282, 51.4752, 45.1846



57.6395, 44.7386, 36.1304



69.8522, 67.4708, 45.4211



18.0507, 18.0036, 18.8841



21.6077, 11.1324, 1.3185



2.1177, 1.0895, 0.2014

Inverse Universe

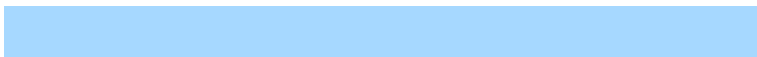
The Inverse Universe completely reimagines the original color for something new.



62.2282, 51.4752, 45.1846



57.6395, 44.7386, 36.1304



58.4450, 64.6633, 104.0086



18.0507, 18.0036, 18.8841



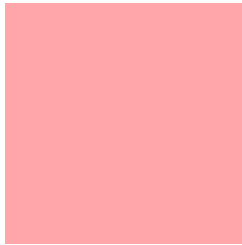
21.6077, 11.1324, 1.3185



2.1177, 1.0895, 0.2014

Previews

White Background



This preview shows how the XYZ color 62.2269, 51.4727, 45.1836 looks on a white background.

Color Contrast Check

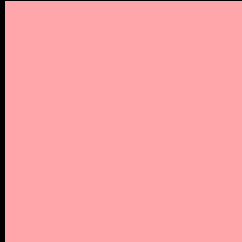
Large Text (above 18pt) WCAG AA × Fail

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 62.2269, 51.4727, 45.1836 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 62.2269, 51.4727, 45.1836

Background



This preview shows how black text looks on a background with the XYZ color 62.2269, 51.4727, 45.1836.



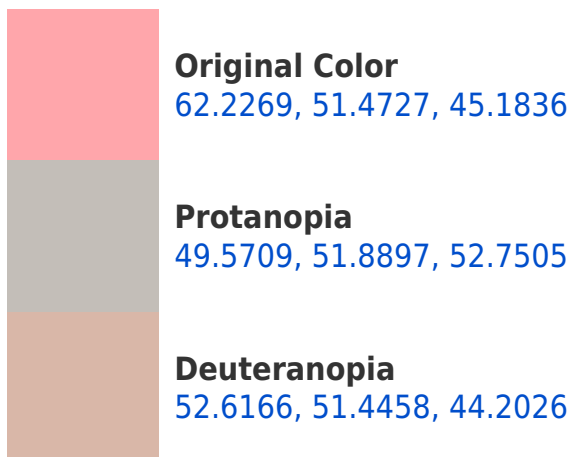
This preview shows how white text looks on a background with the XYZ color 62.2269, 51.4727,

45.1836.

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

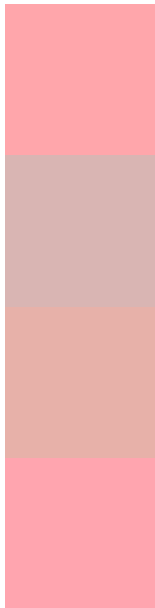




Tritanopia

62.7310, 51.3846, 48.7314

Trichromacy



Original Color

62.2269, 51.4727, 45.1836

Protanomaly

53.2758, 51.0541, 49.6943

Deuteranomaly

55.8386, 51.2978, 44.4946

Tritanomaly

62.4330, 51.2654, 47.1621

Monochromacy



Original Color

62.2269, 51.4727, 45.1836

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 62.2269, 51.4727, 45.1836 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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(255, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 171) }
```

Border

The CSS property to change the border of an element to XYZ 62.2269, 51.4727, 45.1836 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, 171) }
```


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

```
.border{ border-color:rgb(255, 166, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2269, 51.4727, 45.1836 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, 171) }
```

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

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