

Converting Colors

XYZ(64.7890, 53.3960, 46.9130)

Have a look what the booklet for
XYZ(64.7890, 53.3960, 46.9130)
contains.

XYZ(62.8826, 52.3213, 46.8291)	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(62.8826, 52.3213,
46.8291)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8AE
RGB	255, 168, 174
RGB Percent	100%, 66%, 68%
CMY	0.0000, 0.3411, 0.3176
CMYK	0.00, 0.34, 0.32, 0.00
HSL	356°, 100%, 83%
HSV	356°, 34%, 100%
XYZ	62.8826, 52.3213, 46.8291
YIQ	194.6970, 49.9260, 20.3100

Conversions

Conversions Part 2

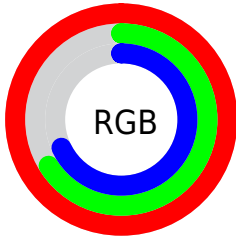
Format	Color
R _Y B	255, 168, 174
Decimal	16754862
CIE Lab	77.47, 32.78, 10.19
CIE LCh	77, 34.329, 17.272
Yxy	52.3213, 0.3881, 0.3229
Android (android.graphics.Color)	4294944942 (0xFFFFA8AE)
YUV	194.6970, -10.2036, 52.8857
Hunter-Lab	72.3335, 28.5942, 12.2487

Details

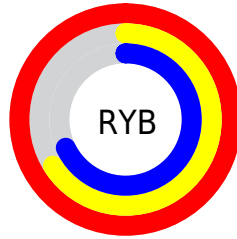
The XYZ color **62.8826, 52.3213, 46.8291** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.0097, 86.6855, 102.7219**, and the grayscale version is **51.7307, 54.4248, 59.2686**.

A 20% lighter version of the original color is **82.0385, 80.2285, 85.2905**, and **32.4085, 25.4024, 21.6074** is the 20% darker color. If you saturate the color by 10%, you get **56.5144, 42.9675, 34.2782**, and if you desaturate by 10%, it is **70.5857, 63.6898, 61.8445**.

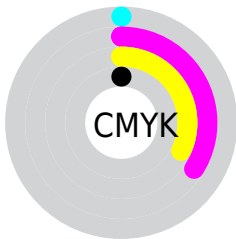
Distribution



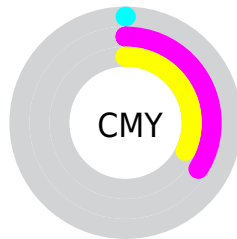
- Red (100%)
- Green (66%)
- Blue (68%)



- Red (100%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (34%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8826, 52.3213, 46.8291 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 62.8826, 52.3213, 46.8291 by changing the saturation by 10% instead.


 62.8826, 52.3213,
46.8291


 62.8826, 52.3213,
46.8291


424.8097,
395.6758, 390.5059

 46.0045, 37.2612,
32.5472


 108.0829, 93.6049,
86.8058

 32.4540, 25.4098,
21.5115


 137.1358,
120.5973, 113.3376

 21.8658, 16.3827,
13.3035

170.9777,
152.3358, 144.7899

 13.8743, 9.7953,
7.5047

209.9740,
189.2050, 181.5811

 8.1144, 5.2635,
3.6965

254.4900,
231.5892, 224.1297

 4.2207, 2.4027,
1.4604

304.8910,

 1.8277, 0.8273,

279.8728, 272.8544

0.1881

361.5425,
334.4402, 328.1736

■ 0.5343, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8826, 52.3213,
46.8291

■ 62.8826, 52.3213,
46.8291

■ 56.5144, 42.9675,
34.2782

■ 70.5857, 63.6898,
61.8445

■ 51.4013, 35.5039,
24.0572

■ 79.6894, 77.1730,
79.4430

■ 47.4613, 29.8038,
16.0234

■ 90.2599, 92.8734,
99.7394

■ 44.6010, 25.7222,
10.0169

95.0500, 100.0000,
108.9000

■ 42.7125, 23.0906,
5.8563

■ 41.6655, 21.7037,
3.3274

■ 41.3457, 21.3023,
2.4866

Harmonies

Analogous

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



63.1882, 52.3213, 65.3720



62.8826, 52.3213, 46.8291



58.8631, 52.3213, 34.1926

Triad

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



62.8826, 52.3213, 46.8291



40.9643, 52.3213, 35.6657



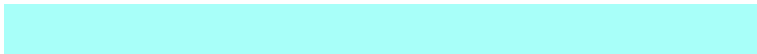
46.9815, 52.3213, 100.3689

Complementary

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



62.8826, 52.3213, 46.8291



69.0097, 86.6855, 102.7219

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.



41.5938, 52.3213, 88.1145



62.8826, 52.3213, 46.8291



38.3325, 52.3213, 49.3188

Square

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



62.8826, 52.3213, 46.8291



46.0503, 52.3213, 28.7972



38.5523, 52.3213, 68.4762



53.6003, 52.3213, 99.2829

Rectangle

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



62.8826, 52.3213, 46.8291



54.8044, 52.3213, 29.5558



38.5523, 52.3213, 68.4762



44.9785, 52.3213, 97.5765

Sweetspot

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



62.8840, 52.3238, 46.8301



83.8580, 83.3598, 87.4621



70.6769, 55.1387, 101.5255



17.6383, 17.3810, 18.1232



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.



62.8840, 52.3238, 46.8301



58.3601, 45.6733, 37.9318



69.9618, 67.3940, 46.3701



18.0601, 18.0074, 18.9338



21.6226, 11.1383, 1.3971



2.1222, 1.0913, 0.2249

Inverse Universe

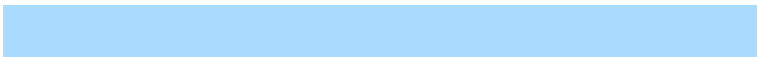
The Inverse Universe completely reimagines the original color for something new.



62.8840, 52.3238, 46.8301



58.3601, 45.6733, 37.9318



59.4670, 66.0797, 104.2282



18.0601, 18.0074, 18.9338



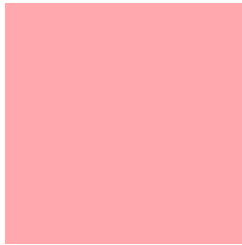
21.6226, 11.1383, 1.3971



2.1222, 1.0913, 0.2249

Previews

White Background



This preview shows how the XYZ color 62.8826, 52.3213, 46.8291 looks on a white background.

Color Contrast Check

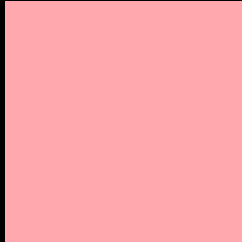
Large Text (above 18pt) WCAG AA × Fail

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 62.8826, 52.3213, 46.8291 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 62.8826, 52.3213, 46.8291

Background



This preview shows how black text looks on a background with the XYZ color 62.8826, 52.3213, 46.8291.



This preview shows how white text looks on a background with the XYZ color 62.8826, 52.3213,

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

62.8826, 52.3213, 46.8291

Protanopia

50.2587, 52.5425, 53.9472

Deuteranopia

53.6131, 52.5436, 45.8443



Tritanopia

63.2969, 52.1927, 49.9181

Trichromacy



Original Color

62.8826, 52.3213, 46.8291



Protanomaly

53.9923, 51.9961, 51.4465



Deuteranomaly

56.5215, 52.2077, 46.1278



Tritanomaly

63.0946, 52.1118, 48.8526

Monochromacy



Original Color

62.8826, 52.3213, 46.8291



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

54.9339, 53.0375, 54.3556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8826, 52.3213, 46.8291 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, 168, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 174)  
}
```

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, 168, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 174) }
```

Border

The CSS property to change the border of an element to XYZ 62.8826, 52.3213, 46.8291 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, 168, 174) }
```


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

```
.border{ border-color:rgb(255, 168, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8826, 52.3213, 46.8291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 174) }
```

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

```
.background{ background-color: rgb(255,  
168, 174) }
```

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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