

Converting Colors

XYZ(70.2988, 53.4324, 44.6226)

Have a look what the booklet for
XYZ(70.2988, 53.4324, 44.6226)
contains.

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Color

**XYZ(60.7226, 48.6160,
44.2136)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF9EAA |
| RGB | 255, 158, 170 |
| RGB Percent | 100%, 62%, 67% |
| CMY | 0.0000, 0.3804, 0.3333 |
| CMYK | 0.00, 0.38, 0.33, 0.00 |
| HSL | 353°, 100%, 81% |
| HSV | 353°, 38%, 100% |
| XYZ | 60.7226, 48.6160, 44.2136 |
| YIQ | 188.3710, 53.9600, 24.2960 |

Conversions

Conversions Part 2

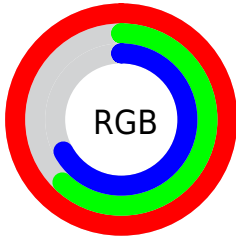
| Format | Color |
|-------------------------------------|--|
| RYB | 255, 158, 170 |
| Decimal | 16752298 |
| CIELab | 75.21, 37.48, 9.16 |
| CIELCh | 75, 38.582, 13.733 |
| Yxy | 48.6160, 0.3955, 0.3166 |
| Android (android.graphics.Color) | 4294942378 (0xFFFF9EAA) |
| YUV | 188.3710, -9.0569, 58.4336 |
| Hunter-Lab | 69.7252, 33.4339, 11.2111 |

Details

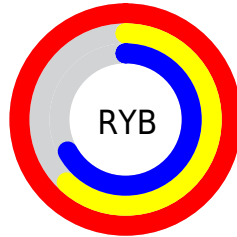
The XYZ color **60.7226, 48.6160, 44.2136** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.0404, 85.2612, 97.7748**, and the grayscale version is **48.0405, 50.5424, 55.0406**.

A 20% lighter version of the original color is **78.8772, 74.7894, 81.5127**, and **31.0865, 23.1469, 19.9689** is the 20% darker color. If you saturate the color by 10%, you get **54.8781, 40.0275, 32.7075**, and if you desaturate by 10%, it is **67.8312, 59.1576, 57.9149**.

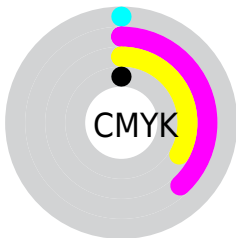
Distribution



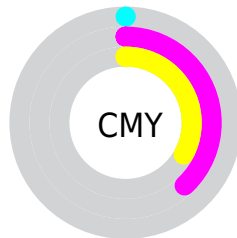
- Red (100%)
- Green (62%)
- Blue (67%)



- Red (100%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7226, 48.6160, 44.2136 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 60.7226, 48.6160, 44.2136 by changing the saturation by 10% instead.


 60.7226, 48.6160,
44.2136


 60.7226, 48.6160,
44.2136


417.0483,
381.2286, 379.6460

 44.2530, 34.3150,
30.5000


 104.9776, 88.1209,
82.8450

 31.0682, 23.1357,
19.9632


 133.4937,
114.0935, 108.5998

 20.8029, 14.6937,
12.1845


166.7560,
144.7254, 139.2056

 13.0916, 8.6047,
6.7454

205.1299,
180.4011, 175.0807

 7.5691, 4.4843,
3.2274

248.9807,
221.5048, 216.6438

 3.8700, 1.9480,
1.2119

298.6738,

 1.6288, 0.5770,

268.4211, 264.3133

0.0000

354.5746,
321.5342, 318.5079

■ 0.4111, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7226, 48.6160,
44.2136

■ 60.7226, 48.6160,
44.2136

■ 54.8781, 40.0275,
32.7075

■ 67.8312, 59.1576,
57.9149

■ 50.2198, 33.2653,
23.2793

■ 76.2686, 71.7548,
73.9145

■ 46.6665, 28.1989,
15.8051

■ 86.0993, 86.5114,
92.3126

■ 44.1253, 24.6773,
10.1466

95.0500, 100.0000,
108.9000

■ 42.4878, 22.5226,
6.1468

■ 41.6116, 21.4956,
3.6187

■ 41.4944, 21.3618,
3.2698

Harmonies

Analogous

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



60.5360, 48.6160, 64.6147



60.7226, 48.6160, 44.2136



56.7511, 48.6160, 30.3111

Triad

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



60.7226, 48.6160, 44.2136



37.4273, 48.6160, 29.4789



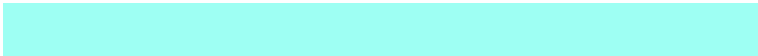
42.5013, 48.6160, 99.8346

Complementary

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



60.7226, 48.6160, 44.2136



66.0404, 85.2612, 97.7748

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.



37.0590, 48.6160, 84.6938



60.7226, 48.6160, 44.2136



34.3405, 48.6160, 42.7543

Square

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



60.7226, 48.6160, 44.2136



43.0532, 48.6160, 23.3914



34.2130, 48.6160, 62.7329



49.5134, 48.6160, 100.5167

Rectangle

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



60.7226, 48.6160, 44.2136



52.4936, 48.6160, 25.1200



34.2130, 48.6160, 62.7329



40.4454, 48.6160, 96.1215

Sweetspot

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



60.7238, 48.6183, 44.2145



83.0372, 81.9075, 86.6048



66.9191, 50.5652, 100.8408



17.4825, 17.0947, 17.9935



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.



60.7238, 48.6183, 44.2145



55.9699, 41.6247, 34.8786



66.6085, 62.1217, 40.8308



18.1007, 18.0236, 19.1477



21.7100, 11.1733, 1.8576



2.1413, 1.0989, 0.3256

Inverse Universe

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



60.7238, 48.6183, 44.2145



55.9699, 41.6247, 34.8786



57.5972, 65.3805, 104.1917



18.1007, 18.0236, 19.1477



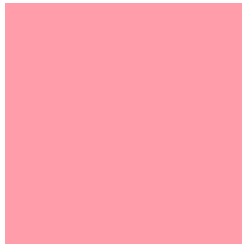
21.7100, 11.1733, 1.8576



2.1413, 1.0989, 0.3256

Previews

White Background



This preview shows how the XYZ color 60.7226, 48.6160, 44.2136 looks on a white background.

Color Contrast Check

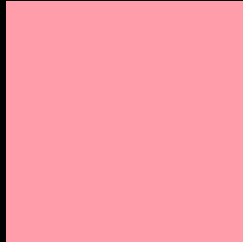
Large Text (above 18pt) WCAG AA × Fail

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 60.7226, 48.6160, 44.2136 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 60.7226, 48.6160, 44.2136

Background



This preview shows how black text looks on a background with the XYZ color 60.7226, 48.6160, 44.2136.



This preview shows how white text looks on a background with the XYZ color 60.7226, 48.6160,

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

60.7226, 48.6160, 44.2136

Protanopia

47.0922, 49.0195, 52.8786

Deuteranopia

49.8670, 48.8423, 42.8756



Tritanopia

60.7226, 48.6160, 44.2136

Trichromacy



Original Color

60.7226, 48.6160, 44.2136



Protanomaly

51.0088, 48.1014, 49.7761



Deuteranomaly

53.2165, 48.2467, 43.0670



Tritanomaly

60.7226, 48.6160, 44.2136

Monochromacy



Original Color

60.7226, 48.6160, 44.2136



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.2140, 48.7775, 50.4318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7226, 48.6160, 44.2136 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, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 170) }
```

Border

The CSS property to change the border of an element to XYZ 60.7226, 48.6160, 44.2136 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, 158, 170) }
```


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

```
.border{ border-color:rgb(255, 158, 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, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7226, 48.6160, 44.2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 170) }
```

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

```
.background{ background-color: rgb(255,  
158, 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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