

Converting Colors

XYZ(70.9624, 54.0849, 44.2982)

Have a look what the booklet for
XYZ(70.9624, 54.0849, 44.2982)
contains.

XYZ(60.7996, 48.9208, 43.7743)	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(60.7996, 48.9208,
43.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FA9
RGB	255, 159, 169
RGB Percent	100%, 62%, 66%
CMY	0.0000, 0.3764, 0.3373
CMYK	0.00, 0.38, 0.34, 0.00
HSL	354°, 100%, 81%
HSV	354°, 38%, 100%
XYZ	60.7996, 48.9208, 43.7743
YIQ	188.8440, 54.0060, 23.4620

Conversions

Conversions Part 2

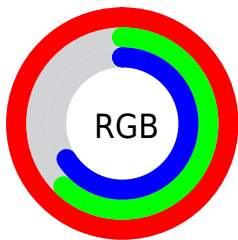
Format	Color
R_{YB}	255, 159, 169
Decimal	16752553
CIE _{Lab}	75.40, 36.84, 9.98
CIE _{LCh}	75, 38.168, 15.157
Yxy	48.9208, 0.3961, 0.3187
Android (android.graphics.Color)	4294942633 (0xFFFF9FA9)
YUV	188.8440, -9.7831, 58.0188
Hunter-Lab	69.9434, 32.7635, 11.8536

Details

The XYZ color **60.7996, 48.9208, 43.7743** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.5416, 85.4845, 99.3835**, and the grayscale version is **48.3143, 50.8304, 55.3543**.

A 20% lighter version of the original color is **78.9950, 75.2427, 80.8808**, and **31.1299, 23.3282, 19.6917** is the 20% darker color. If you saturate the color by 10%, you get **54.8975, 40.2543, 32.1343**, and if you desaturate by 10%, it is **67.9833, 59.5508, 57.6912**.

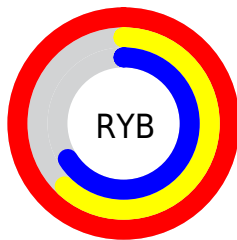
Distribution



Red (100%)

Green (62%)

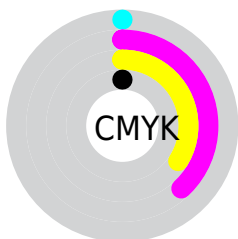
Blue (66%)



Red (100%)

Yellow (62%)

Blue (66%)

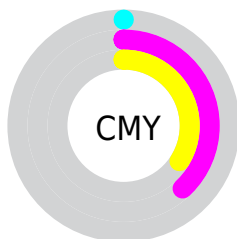


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7996, 48.9208, 43.7743 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 60.7996, 48.9208, 43.7743 by changing the saturation by 10% instead.


 60.7996, 48.9208,
43.7743


 60.7996, 48.9208,
43.7743


417.3265,
382.4304, 377.8008

 44.3154, 34.5567,
30.1572


 105.0885, 88.5738,
82.1769

 31.1175, 23.3216,
19.7049

 133.6238,
114.6315, 107.7994

 20.8406, 14.8311,
11.9988


166.9070,
145.3558, 138.2609

 13.1193, 8.7010,
6.6203

205.3032,
181.1311, 173.9798

 7.5883, 4.5466,
3.1510

249.1779,
222.3418, 215.3747

 3.8823, 1.9838,
1.1722

298.8965,

 1.6357, 0.5980,

269.3723, 262.8642

0.0000

354.8242,
322.6071, 316.8667

■ 0.4155, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7996, 48.9208,
43.7743

■ 60.7996, 48.9208,
43.7743

■ 54.8975, 40.2543,
32.1343

■ 67.9833, 59.5508,
57.6912

■ 50.1979, 33.4244,
22.6470

■ 76.5143, 72.2468,
73.9944

■ 46.6185, 28.3004,
15.1807

■ 86.4581, 87.1129,
92.7897

■ 44.0650, 24.7315,
9.5879

95.0500, 100.0000,
108.9000

■ 42.4276, 22.5403,
5.7009

■ 41.5650, 21.4943,
3.3197

■ 41.4327, 21.3371,
2.9445

Harmonies

Analogous

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



60.8225, 48.9208, 63.8093



60.7996, 48.9208, 43.7743



56.6934, 48.9208, 30.2670

Triad

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



60.7996, 48.9208, 43.7743



37.5588, 48.9208, 30.3698



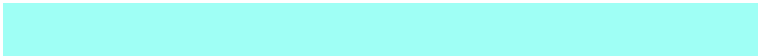
43.1210, 48.9208, 100.1209

Complementary

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



60.7996, 48.9208, 43.7743



66.5416, 85.4845, 99.3835

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.



37.6042, 48.9208, 85.6912



60.7996, 48.9208, 43.7743



34.6197, 48.9208, 43.9540

Square

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



60.7996, 48.9208, 43.7743



43.0531, 48.9208, 23.9619



34.6354, 48.9208, 64.0402



50.1214, 48.9208, 100.0374

Rectangle

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



60.7996, 48.9208, 43.7743



52.4098, 48.9208, 25.2983



34.6354, 48.9208, 64.0402



41.0479, 48.9208, 96.6733

Sweetspot

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



60.8008, 48.9231, 43.7752



82.9602, 81.8767, 86.1989



67.6884, 51.2160, 100.9258



17.4643, 17.0874, 17.8976



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.



60.8008, 48.9231, 43.7752



56.3384, 42.3628, 34.9981



67.1943, 63.1549, 41.4524



18.0862, 18.0178, 19.0712



21.6743, 11.1590, 1.6693



2.1345, 1.0962, 0.2897

Inverse Universe

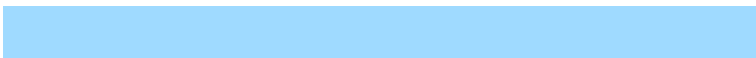
The Inverse Universe completely reimagines the original color for something new.



60.8008, 48.9231, 43.7752



56.3384, 42.3628, 34.9981



57.4733, 64.8395, 104.0938



18.0862, 18.0178, 19.0712



21.6743, 11.1590, 1.6693



2.1345, 1.0962, 0.2897

Previews

White Background



This preview shows how the XYZ color 60.7996, 48.9208, 43.7743 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 60.7996, 48.9208, 43.7743 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 60.7996, 48.9208, 43.7743

Background



This preview shows how black text looks on a background with the XYZ color 60.7996, 48.9208, 43.7743.



This preview shows how white text looks on a background with the XYZ color 60.7996, 48.9208,

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

60.7996, 48.9208, 43.7743

Protanopia

47.1314, 49.0640, 51.7859

Deuteranopia

50.0630, 48.9539, 42.4077



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

60.7996, 48.9208, 43.7743



Protanomaly

51.2928, 48.5612, 48.7893



Deuteranomaly

53.6304, 48.7522, 42.6599



Tritanomaly

60.8938, 48.9586, 44.2707

Monochromacy



Original Color

60.7996, 48.9208, 43.7743



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.8045, 49.3643, 51.0538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7996, 48.9208, 43.7743 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, 159, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 169)  
}
```

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, 159, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 169) }
```

Border

The CSS property to change the border of an element to XYZ 60.7996, 48.9208, 43.7743 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, 159, 169) }
```


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

```
.border{ border-color:rgb(255, 159, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7996, 48.9208, 43.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 169) }
```

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

```
.background{ background-color: rgb(255,  
159, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor