

Converting Colors

XYZ(64.2495, 50.2259, 43.0364)

Have a look what the booklet for
XYZ(64.2495, 50.2259, 43.0364)
contains.

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Color

**XYZ(60.2720, 48.1640,
42.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DA7
RGB	255, 157, 167
RGB Percent	100%, 62%, 65%
CMY	0.0000, 0.3843, 0.3451
CMYK	0.00, 0.38, 0.35, 0.00
HSL	354°, 100%, 81%
HSV	354°, 38%, 100%
XYZ	60.2720, 48.1640, 42.6791
YIQ	187.4420, 55.1980, 23.8860

Conversions

Conversions Part 2

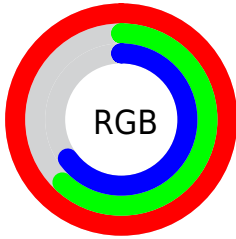
Format	Color
R _Y B	255, 157, 167
Decimal	16752039
CIE Lab	74.93, 37.63, 10.40
CIE LCh	75, 39.045, 15.454
Yxy	48.1640, 0.3988, 0.3187
Android (android.graphics.Color)	4294942119 (0xFFFF9DA7)
YUV	187.4420, -10.0779, 59.2484
Hunter-Lab	69.4003, 33.5712, 12.1186

Details

The XYZ color **60.2720, 48.1640, 42.6791** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1483, 85.2817, 99.3655**, and the grayscale version is **47.5183, 49.9930, 54.4423**.

A 20% lighter version of the original color is **78.2191, 74.1224, 79.2917**, and **30.8098, 22.8742, 19.0110** is the 20% darker color. If you saturate the color by 10%, you get **54.4664, 39.6458, 31.2081**, and if you desaturate by 10%, it is **67.3553, 58.6373, 56.4263**.

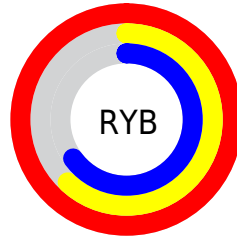
Distribution



Red (100%)

Green (62%)

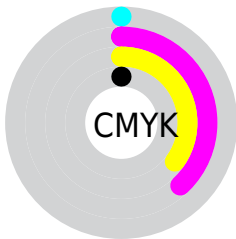
Blue (65%)



Red (100%)

Yellow (62%)

Blue (65%)

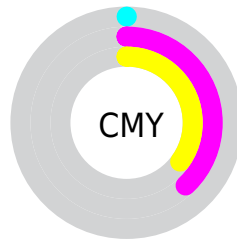


Cyan (0%)

Magenta (38%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2720, 48.1640, 42.6791 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 60.2720, 48.1640, 42.6791 by changing the saturation by 10% instead.


 60.2720, 48.1640,
42.6791


 60.2720, 48.1640,
42.6791


415.4183,
379.4418, 373.1728

 43.8882, 33.9568,
29.3039

 104.3282, 87.4485,
80.5075

 30.7802, 22.8604,
19.0633


 132.7314,
113.2946, 105.7978

 20.5825, 14.4905,
11.5387


165.8717,
143.7892, 135.8969

 12.9299, 8.4626,
6.3117

204.1146,
179.3165, 171.2233

 7.4570, 4.3923,
2.9637

247.8253,
220.2610, 212.1955

 3.7983, 1.8954,
1.0761

297.3693,

 1.5887, 0.5456,

267.0072, 259.2322

0.0000

353.1118,
319.9393, 312.7517

■ 0.3850, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2720, 48.1640,
42.6791

■ 60.2720, 48.1640,
42.6791

■ 54.4664, 39.6458,
31.2081

■ 67.3553, 58.6373,
56.4263

■ 49.8584, 32.9550,
21.8874

■ 75.7824, 71.1691,
72.5604

■ 46.3649, 27.9594,
14.5835

■ 85.6192, 85.8639,
91.1886

■ 43.8904, 24.5066,
9.1463

95.0500, 100.0000,
108.9000

■ 42.3231, 22.4163,
5.4048

■ 41.5128, 21.4387,
3.1521

■ 41.4265, 21.3346,
2.9123

Harmonies

Analogous

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



60.3394, 48.1640, 62.9118



60.2720, 48.1640, 42.6791



56.0621, 48.1640, 29.1806

Triad

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



60.2720, 48.1640, 42.6791



36.7037, 48.1640, 29.4787



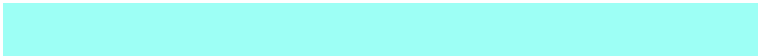
42.4275, 48.1640, 100.2470

Complementary

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



60.2720, 48.1640, 42.6791



66.1483, 85.2817, 99.3655

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.



36.8362, 48.1640, 85.6174



60.2720, 48.1640, 42.6791



33.7714, 48.1640, 43.2041

Square

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



60.2720, 48.1640, 42.6791



42.2287, 48.1640, 23.0166



33.8173, 48.1640, 63.5915



49.5217, 48.1640, 99.9996

Rectangle

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



60.2720, 48.1640, 42.6791



51.7005, 48.1640, 24.2654



33.8173, 48.1640, 63.5915



40.3268, 48.1640, 96.7685

Sweetspot

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



60.2733, 48.1664, 42.6800



81.9404, 80.3614, 84.2431



67.2664, 50.4921, 100.8083



17.2605, 16.7851, 17.5052



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.



60.2733, 48.1664, 42.6800



55.7634, 41.5422, 33.7915



66.7455, 62.5328, 40.4536



18.0846, 18.0172, 19.0629



21.6707, 11.1576, 1.6504



2.1338, 1.0959, 0.2858

Inverse Universe

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



60.2733, 48.1664, 42.6800



55.7634, 41.5422, 33.7915



56.8814, 64.2396, 104.0092



18.0846, 18.0172, 19.0629



21.6707, 11.1576, 1.6504



2.1338, 1.0959, 0.2858

Previews

White Background



This preview shows how the XYZ color 60.2720, 48.1640, 42.6791 looks on a white background.

Color Contrast Check

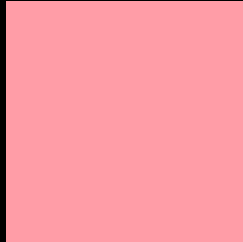
Large Text (above 18pt) WCAG AA × Fail

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 60.2720, 48.1640, 42.6791 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 60.2720, 48.1640, 42.6791

Background



This preview shows how black text looks on a background with the XYZ color 60.2720, 48.1640, 42.6791.



This preview shows how white text looks on a background with the XYZ color 60.2720, 48.1640,

42.6791.

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

60.2720, 48.1640, 42.6791

Protanopia

46.5703, 48.4772, 51.1585

Deuteranopia

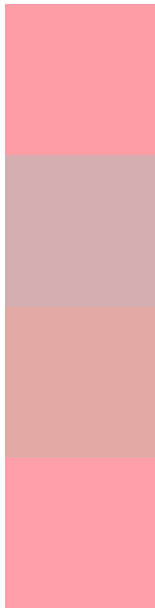
49.3952, 48.3340, 41.3763



Tritanopia

60.4584, 48.2385, 43.6606

Trichromacy



Original Color

60.2720, 48.1640, 42.6791

Protanomaly

50.5124, 47.5926, 48.1190

Deuteranomaly

52.7541, 47.7607, 41.5602

Tritanomaly

60.3649, 48.2011, 43.1680

Monochromacy



Original Color

60.2720, 48.1640, 42.6791

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.9149, 48.3430, 49.8276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2720, 48.1640, 42.6791 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, 157, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 167)  
}
```

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, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 167) }
```

Border

The CSS property to change the border of an element to XYZ 60.2720, 48.1640, 42.6791 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, 157, 167) }
```


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

```
.border{ border-color:rgb(255, 157, 167) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2720, 48.1640, 42.6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 167) }
```

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

```
.background{ background-color: rgb(255,  
157, 167) }
```

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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