

Converting Colors

XYZ(96.2080, 64.5431, 62.2265)

Have a look what the booklet for
XYZ(96.2080, 64.5431, 62.2265)
contains.

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Color

**XYZ(62.5717, 47.2428,
60.4645)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96C8
RGB	255, 150, 200
RGB Percent	100%, 59%, 78%
CMY	0.0000, 0.4117, 0.2157
CMYK	0.00, 0.41, 0.22, 0.00
HSL	331°, 100%, 79%
HSV	331°, 41%, 100%
XYZ	62.5717, 47.2428, 60.4645
YIQ	187.0950, 46.5300, 37.8100

Conversions

Conversions Part 2

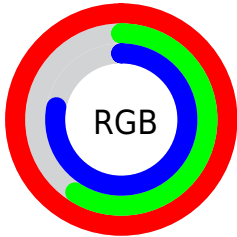
Format	Color
R _Y B	255, 150, 200
Decimal	16750280
CIE Lab	74.34, 45.54, -8.62
CIE LCh	74, 46.353, 349.278
Yxy	47.2428, 0.3675, 0.2774
Android (android.graphics.Color)	4294940360 (0xFFFF96C8)
YUV	187.0950, 6.3622, 59.5527
Hunter-Lab	68.7334, 42.2147, -4.0438

Details

The XYZ color **62.5717, 47.2428, 60.4645** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.3590, 82.4127, 70.5397**, and the grayscale version is **47.2357, 49.6956, 54.1185**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **32.1361, 22.1768, 29.7809** is the 20% darker color. If you saturate the color by 10%, you get **57.4428, 39.3752, 51.3863**, and if you desaturate by 10%, it is **68.7246, 56.9398, 70.5581**.

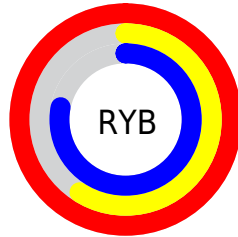
Distribution



Red (100%)

Green (59%)

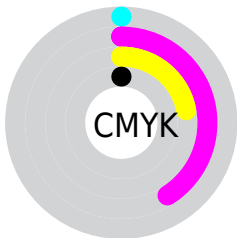
Blue (78%)



Red (100%)

Yellow (59%)

Blue (78%)

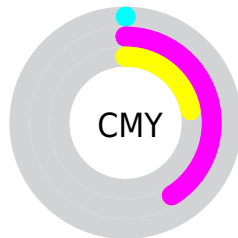


Cyan (0%)

Magenta (41%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5717, 47.2428, 60.4645 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 62.5717, 47.2428, 60.4645 by changing the saturation by 10% instead.

62.5717, 47.2428,
60.4645

62.5717, 47.2428,
60.4645

423.6978,
375.7829, 444.1599

45.7521, 33.2276,
43.3654

107.6367, 86.0759,
107.0531

32.2541, 22.3009,
29.8384

136.6128,
111.6627, 137.3798

21.7121, 14.0782,
19.4649

170.3718,
141.8754, 172.9527

13.7609, 8.1750,
11.8265

209.2791,
177.0986, 214.1904

8.0352, 4.2072,
6.5046

253.6999,
217.7165, 261.5114

4.1695, 1.7901,
3.0805

303.9998,

1.7984, 0.4810,

264.1136, 315.3343

1.1359

360.5440,
316.6742, 376.0776

■ 0.5167, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5717, 47.2428,
60.4645

■ 62.5717, 47.2428,
60.4645

■ 57.4428, 39.3752,
51.3863

■ 68.7246, 56.9398,
70.5581

■ 53.2729, 33.2131,
43.2832

■ 75.9542, 68.5667,
81.6995

■ 49.9948, 28.6275,
36.1152

■ 84.3135, 82.2242,
93.9229

■ 47.5300, 25.4675,
29.8378

■ 93.8509, 98.0043,
107.2599

■ 45.7850, 23.5527,
24.4003

95.0500, 100.0000,
108.9000

■ 44.7172, 22.6509,
20.2406

Harmonies

Analogous

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



58.1843, 47.2428, 87.5904



62.5717, 47.2428, 60.4645



61.8024, 47.2428, 37.7191

Triad

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



62.5717, 47.2428, 60.4645



39.8144, 47.2428, 19.1285



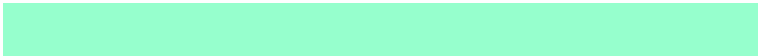
35.2335, 47.2428, 94.6816

Complementary

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



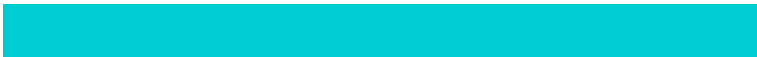
62.5717, 47.2428, 60.4645



59.3590, 82.4127, 70.5397

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.



31.4044, 47.2428, 68.1387



62.5717, 47.2428, 60.4645



33.8139, 47.2428, 26.9204

Square

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



62.5717, 47.2428, 60.4645



47.9525, 47.2428, 18.2261



30.9191, 47.2428, 43.3602



41.9853, 47.2428, 111.0369

Rectangle

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



62.5717, 47.2428, 60.4645



58.4936, 47.2428, 27.5003



30.9191, 47.2428, 43.3602



33.5994, 47.2428, 86.3323

Sweetspot

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



62.5728, 47.2449, 60.4654



83.5790, 81.0168, 92.8714



53.9286, 41.9079, 99.8544



17.6442, 16.9386, 19.5257



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.



62.5728, 47.2449, 60.4654



58.4741, 40.9365, 53.2757



57.9343, 45.8397, 34.6513



18.3695, 18.1311, 20.5632



23.4400, 11.8653, 10.9675



2.3370, 1.1772, 1.3563

Inverse Universe

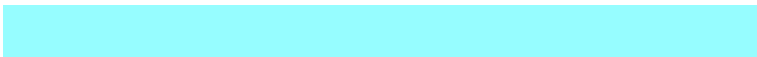
The Inverse Universe completely reimagines the original color for something new.



62.5728, 47.2449, 60.4654



58.4741, 40.9365, 53.2757



65.8332, 84.1132, 107.3734



18.3695, 18.1311, 20.5632



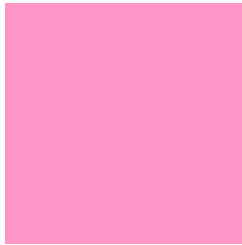
23.4400, 11.8653, 10.9675



2.3370, 1.1772, 1.3563

Previews

White Background



This preview shows how the XYZ color 62.5717, 47.2428, 60.4645 looks on a white background.

Color Contrast Check

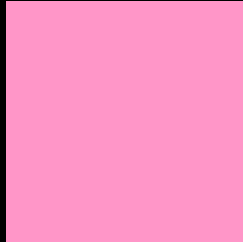
Large Text (above 18pt) WCAG AA × Fail

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 62.5717, 47.2428, 60.4645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

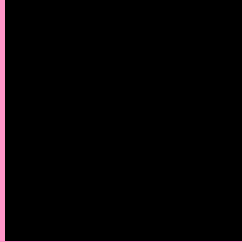
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5717, 47.2428, 60.4645

Background



This preview shows how black text looks on a background with the XYZ color 62.5717, 47.2428, 60.4645.



This preview shows how white text looks on a background with the XYZ color 62.5717, 47.2428,

60.4645.

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

62.5717, 47.2428, 60.4645

Protanopia

47.3254, 47.7372, 74.4300

Deuteranopia

48.5357, 47.5167, 58.2433



Tritanopia

59.1012, 47.2995, 43.0605

Trichromacy



Original Color

62.5717, 47.2428, 60.4645



Protanomaly

51.2868, 46.3909, 69.2020



Deuteranomaly

52.6959, 46.7882, 59.0770



Tritanomaly

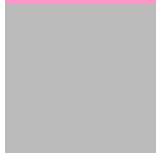
60.3018, 47.2891, 49.1295

Monochromacy



Original Color

62.5717, 47.2428, 60.4645



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.8019, 48.0749, 56.4183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5717, 47.2428, 60.4645 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, 150, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 200)  
}
```

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, 150, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 200) }
```

Border

The CSS property to change the border of an element to XYZ 62.5717, 47.2428, 60.4645 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, 150, 200) }
```


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

```
.border{ border-color:rgb(255, 150, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5717, 47.2428, 60.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 200) }
```

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

```
.background{ background-color: rgb(255,  
150, 200) }
```

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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