

Converting Colors

XYZ(97.6838, 64.5801, 74.4544)

Have a look what the booklet for
XYZ(97.6838, 64.5801, 74.4544)
contains.

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Color

**XYZ(64.6161, 47.5543,
72.7911)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94DB
RGB	255, 148, 219
RGB Percent	100%, 58%, 86%
CMY	0.0000, 0.4196, 0.1412
CMYK	0.00, 0.42, 0.14, 0.00
HSL	320°, 100%, 79%
HSV	320°, 42%, 100%
XYZ	64.6161, 47.5543, 72.7911
YIQ	188.0870, 40.9810, 44.7650

Conversions

Conversions Part 2

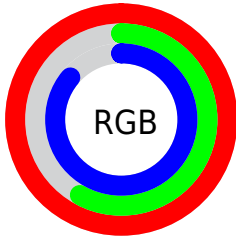
Format	Color
R _Y B	255, 148, 219
Decimal	16749787
CIE Lab	74.54, 49.38, -18.77
CIE LCh	75, 52.823, 339.186
Yxy	47.5543, 0.3493, 0.2571
Android (android.graphics.Color)	4294939867 (0xFFFF94DB)
YUV	188.0870, 15.2401, 58.6827
Hunter-Lab	68.9596, 46.5776, -14.3125

Details

The XYZ color **64.6161, 47.5543, 72.7911** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.6262, 81.2774, 58.0540**, and the grayscale version is **47.7505, 50.2372, 54.7083**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **33.4685, 22.4215, 37.6858** is the 20% darker color. If you saturate the color by 10%, you get **59.9473, 39.9779, 65.8052**, and if you desaturate by 10%, it is **70.2263, 56.9199, 80.3792**.

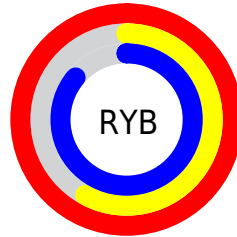
Distribution



Red (100%)

Green (58%)

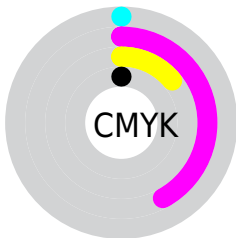
Blue (86%)



Red (100%)

Yellow (58%)

Blue (86%)

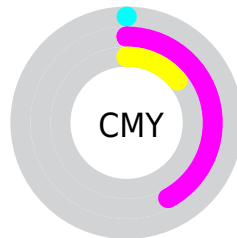


Cyan (0%)

Magenta (42%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6161, 47.5543, 72.7911 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 64.6161, 47.5543, 72.7911 by changing the saturation by 10% instead.


 64.6161, 47.5543,
72.7911


 64.6161, 47.5543,
72.7911


430.9782,
377.0227, 489.3418

 47.4134, 33.4741,
53.3144


 110.5665, 86.5404,
124.8988

 33.5719, 22.4899,
37.6644


 140.0450,
112.2151, 158.3668

 22.7262, 14.2173,
25.4225


174.3460,
142.5234, 197.3357

 14.5111, 8.2719,
16.1702

213.8351,
177.8497, 242.2240

 8.5610, 4.2694,
9.4890

258.8775,
218.5784, 293.4502

 4.5108, 1.8254,
4.9604

309.8385,

 1.9950, 0.5029,

265.0939, 351.4329

2.1657

367.0836,
317.7805, 416.5906

■ 0.6311, 0.0000,
0.6545

■ 0.0000, 0.0000,
0.0000

■ 64.6161, 47.5543,
72.7911

■ 64.6161, 47.5543,
72.7911

■ 59.9473, 39.9779,
65.8052

■ 70.2263, 56.9199,
80.3792

■ 56.1572, 34.0673,
59.3946

■ 76.8285, 68.1753,
88.5889

■ 53.1804, 29.6931,
53.5337

■ 84.4737, 81.4206,
97.4418

■ 50.9407, 26.7039,
48.1926

■ 93.2082, 96.7475,
106.9574

■ 49.3458, 24.9170,
43.3360

95.0500, 100.0000,
108.9000

■ 48.4205, 24.1322,
39.7418

Harmonies

Analogous

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



57.8150, 47.5543, 104.1381



64.6161, 47.5543, 72.7911



65.8451, 47.5543, 43.8327

Triad

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



64.6161, 47.5543, 72.7911



42.3319, 47.5543, 15.2935



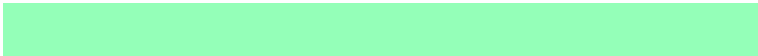
32.4138, 47.5543, 92.5954

Complementary

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



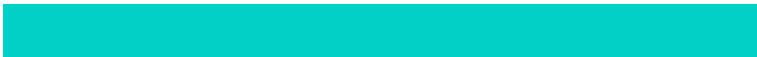
64.6161, 47.5543, 72.7911



56.6262, 81.2774, 58.0540

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.



29.3943, 47.5543, 60.6309



64.6161, 47.5543, 72.7911



34.5662, 47.5543, 20.7892

Square

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



64.6161, 47.5543, 72.7911



52.0390, 47.5543, 16.5487



30.1226, 47.5543, 35.2573



38.9861, 47.5543, 118.0879

Rectangle

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



64.6161, 47.5543, 72.7911



63.1897, 47.5543, 30.1438



30.1226, 47.5543, 35.2573



30.9948, 47.5543, 81.8720

Sweetspot

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



64.6172, 47.5563, 72.7920



83.6273, 79.9452, 96.4890



48.3293, 38.5516, 99.5017



17.5241, 16.4583, 20.2256



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.



64.6172, 47.5563, 72.7920



60.7906, 41.3268, 67.1272



58.6991, 45.1891, 41.6274



18.5176, 18.1904, 21.3430



25.3732, 12.6386, 21.1474



2.5215, 1.2510, 2.3274

Inverse Universe

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



64.6172, 47.5563, 72.7920



60.7906, 41.3268, 67.1272



63.2845, 83.9407, 93.1161



18.5176, 18.1904, 21.3430



25.3732, 12.6386, 21.1474



2.5215, 1.2510, 2.3274

Previews

White Background



This preview shows how the XYZ color 64.6161, 47.5543, 72.7911 looks on a white background.

Color Contrast Check

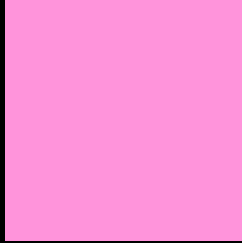
Large Text (above 18pt) WCAG AA × Fail

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 64.6161, 47.5543, 72.7911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

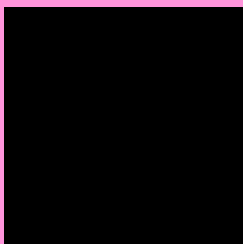
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6161, 47.5543, 72.7911

Background



This preview shows how black text looks on a background with the XYZ color 64.6161, 47.5543, 72.7911.



This preview shows how white text looks on a background with the XYZ color 64.6161, 47.5543,

72.7911.

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

64.6161, 47.5543, 72.7911

Protanopia

48.8420, 48.1425, 91.5122

Deuteranopia

48.6239, 47.6091, 69.5775



Tritanopia

58.5495, 47.4957, 44.1119

Trichromacy



Original Color

64.6161, 47.5543, 72.7911



Protanomaly

52.7792, 46.8321, 84.0996



Deuteranomaly

53.4198, 46.9086, 70.5287



Tritanomaly

60.4164, 47.2513, 53.5131

Monochromacy



Original Color

64.6161, 47.5543, 72.7911



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.4038, 48.0077, 60.5373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6161, 47.5543, 72.7911 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, 148, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 219)  
}
```

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, 148, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 219) }
```

Border

The CSS property to change the border of an element to XYZ 64.6161, 47.5543, 72.7911 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, 148, 219) }
```


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

```
.border{ border-color:rgb(255, 148, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6161, 47.5543, 72.7911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 219) }
```

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

```
.background{ background-color: rgb(255,  
148, 219) }
```

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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