

Converting Colors

XYZ(77.1258, 55.0309, 63.9382)

Have a look what the booklet for
XYZ(77.1258, 55.0309, 63.9382)
contains.

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Color

**XYZ(63.2057, 47.7529,
63.0127)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF97CC |
| RGB | 255, 151, 204 |
| RGB Percent | 100%, 59%, 80% |
| CMY | 0.0000, 0.4078, 0.2000 |
| CMYK | 0.00, 0.41, 0.20, 0.00 |
| HSL | 329°, 100%, 80% |
| HSV | 329°, 41%, 100% |
| XYZ | 63.2057, 47.7529, 63.0127 |
| YIQ | 188.1380, 44.9710, 38.5310 |

Conversions

Conversions Part 2

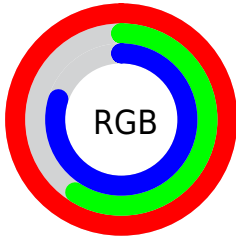
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 151, 204 |
| Decimal | 16750540 |
| CIE Lab | 74.67, 45.61, -10.34 |
| CIE LCh | 75, 46.769, 347.224 |
| Yxy | 47.7529, 0.3633, 0.2745 |
| Android (android.graphics.Color) | 4294940620 (0xFFFF97CC) |
| YUV | 188.1380, 7.8200, 58.6380 |
| Hunter-Lab | 69.1035, 42.3345, -5.6918 |

Details

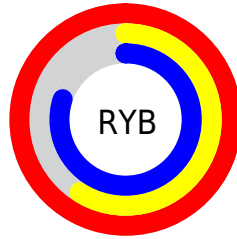
The XYZ color **63.2057, 47.7529, 63.0127** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.1851, 82.3645, 68.6592**, and the grayscale version is **47.8187, 50.3090, 54.7865**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **32.5447, 22.4872, 31.4793** is the 20% darker color. If you saturate the color by 10%, you get **58.0966, 39.8393, 54.2044**, and if you desaturate by 10%, it is **69.3251, 57.4939, 72.7531**.

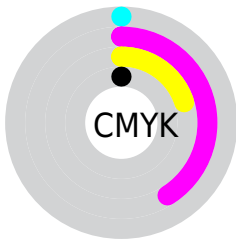
Distribution



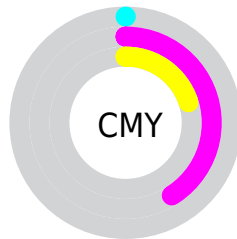
- Red (100%)
- Green (59%)
- Blue (80%)



- Red (100%)
- Yellow (59%)
- Blue (80%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2057, 47.7529, 63.0127 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 63.2057, 47.7529, 63.0127 by changing the saturation by 10% instead.


 63.2057, 47.7529,
63.0127


 63.2057, 47.7529,
63.0127


425.9634,
377.8118, 453.7248

 46.2669, 33.6312,
45.4104

 108.5464, 86.8364,
110.7736

 32.6620, 22.6105,
31.4355


 137.6790,
112.5670, 141.7693

 22.0256, 14.3061,
20.6695


171.6069,
142.9361, 178.0665

 13.9925, 8.3339,
12.6937

210.6954,
178.3280, 220.0838

 8.1971, 4.3093,
7.0897

255.3100,
219.1271, 268.2398

 4.2742, 1.8481,
3.4390

305.8160,

 1.8584, 0.5169,

265.7179, 322.9529

1.3229

362.5787,
318.4846, 384.6417

■ 0.5525, 0.0000,
0.0805

■ 0.0000, 0.0000,
0.0000

■ 63.2057, 47.7529,
63.0127

■ 63.2057, 47.7529,
63.0127

■ 58.0966, 39.8393,
54.2044

■ 69.3251, 57.4939,
72.7531

■ 53.9335, 33.6299,
46.2913

■ 76.5066, 69.1620,
83.4546

■ 50.6503, 28.9965,
39.2373

■ 84.8024, 82.8576,
95.1482

■ 48.1696, 25.7896,
33.0020

■ 94.2604, 98.6720,
107.8624

■ 46.3996, 23.8303,
27.5388

95.0500, 100.0000,
108.9000

■ 45.2657, 22.8703,
23.1288

Harmonies

Analogous

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



58.4295, 47.7529, 90.5634



63.2057, 47.7529, 63.0127



62.7984, 47.7529, 39.3646

Triad

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



63.2057, 47.7529, 63.0127



40.7317, 47.7529, 18.9450



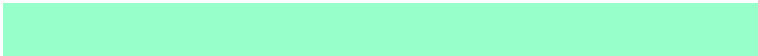
35.1964, 47.7529, 94.3214

Complementary

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



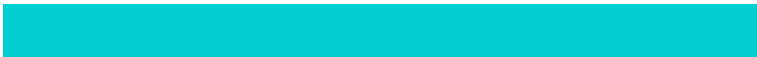
63.2057, 47.7529, 63.0127



59.1851, 82.3645, 68.6592

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.



31.5350, 47.7529, 67.0733



63.2057, 47.7529, 63.0127



34.4471, 47.7529, 26.3050

Square

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



63.2057, 47.7529, 63.0127



49.0874, 47.7529, 18.4708



31.2789, 47.7529, 42.3425



41.8788, 47.7529, 112.0763

Rectangle

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



63.2057, 47.7529, 63.0127



59.6385, 47.7529, 28.5656



31.2789, 47.7529, 42.3425



33.6097, 47.7529, 85.6421

Sweetspot

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



63.2069, 47.7551, 63.0136



83.7305, 81.0775, 93.6695



53.2778, 41.8104, 99.8699



17.6798, 16.9528, 19.7134



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.



63.2069, 47.7551, 63.0136



58.9359, 41.1212, 55.7073



58.0360, 45.6867, 35.7841



18.3957, 18.1416, 20.7009



23.7280, 11.9805, 12.4838



2.3655, 1.1886, 1.5062

Inverse Universe

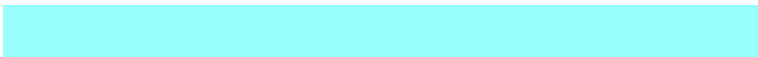
The Inverse Universe completely reimagines the original color for something new.



63.2069, 47.7551, 63.0136



58.9359, 41.1212, 55.7073



66.2959, 85.2088, 106.1043



18.3957, 18.1416, 20.7009



23.7280, 11.9805, 12.4838



2.3655, 1.1886, 1.5062

Previews

White Background



This preview shows how the XYZ color 63.2057, 47.7529, 63.0127 looks on a white background.

Color Contrast Check

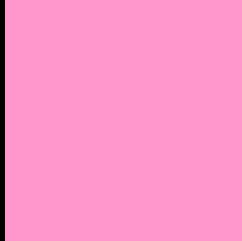
Large Text (above 18pt) WCAG AA × Fail

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 63.2057, 47.7529, 63.0127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

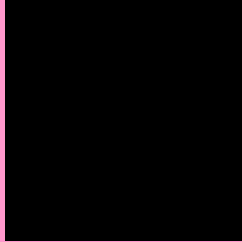
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2057, 47.7529, 63.0127

Background



This preview shows how black text looks on a background with the XYZ color 63.2057, 47.7529, 63.0127.



This preview shows how white text looks on a background with the XYZ color 63.2057, 47.7529,

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

63.2057, 47.7529, 63.0127

Protanopia

47.9978, 48.0061, 77.9705

Deuteranopia

48.9346, 47.9658, 60.7120



Tritanopia

59.1720, 47.8275, 43.6490

Trichromacy



Original Color

63.2057, 47.7529, 63.0127



Protanomaly

51.9891, 46.9729, 71.9722



Deuteranomaly

53.3459, 47.3447, 61.5851



Tritanomaly

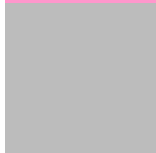
60.3097, 47.5155, 50.2487

Monochromacy



Original Color

63.2057, 47.7529, 63.0127



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.2190, 48.5520, 57.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2057, 47.7529, 63.0127 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, 151, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 204)  
}
```

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, 151, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 204) }
```

Border

The CSS property to change the border of an element to XYZ 63.2057, 47.7529, 63.0127 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, 151, 204) }
```


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

```
.border{ border-color:rgb(255, 151, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2057, 47.7529, 63.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 204) }
```

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

```
.background{ background-color: rgb(255,  
151, 204) }
```

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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