

Converting Colors

XYZ(99.5422, 65.9231, 65.6885)

Have a look what the booklet for
XYZ(99.5422, 65.9231, 65.6885)
contains.

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Color

**XYZ(63.1280, 47.2111,
64.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	FF95CE
RGB	255, 149, 206
RGB Percent	100%, 58%, 81%
CMY	0.0000, 0.4157, 0.1922
CMYK	0.00, 0.42, 0.19, 0.00
HSL	328°, 100%, 79%
HSV	328°, 42%, 100%
XYZ	63.1280, 47.2111, 64.1780
YIQ	187.1920, 44.8790, 40.1990

Conversions

Conversions Part 2

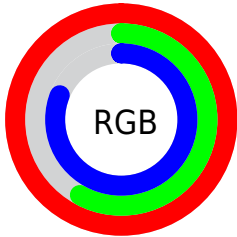
Format	Color
R _Y B	255, 149, 206
Decimal	16750030
CIE Lab	74.32, 46.92, -11.96
CIE LCh	74, 48.415, 345.702
Yxy	47.2111, 0.3617, 0.2705
Android (android.graphics.Color)	4294940110 (0xFFFF95CE)
YUV	187.1920, 9.2723, 59.4676
Hunter-Lab	68.7103, 43.7548, -7.2818

Details

The XYZ color **63.1280, 47.2111, 64.1780** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.3493, 81.9876, 66.1793**, and the grayscale version is **47.2752, 49.7372, 54.1638**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **32.5247, 22.1872, 32.2741** is the 20% darker color. If you saturate the color by 10%, you get **58.1475, 39.4565, 55.7155**, and if you desaturate by 10%, it is **69.1014, 56.7791, 73.5025**.

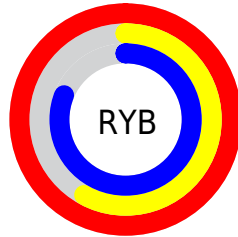
Distribution



Red (100%)

Green (58%)

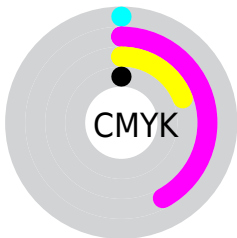
Blue (81%)



Red (100%)

Yellow (58%)

Blue (81%)

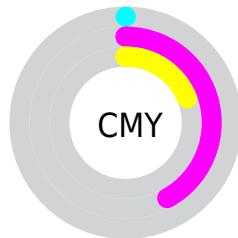


Cyan (0%)

Magenta (42%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1280, 47.2111, 64.1780 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 63.1280, 47.2111, 64.1780 by changing the saturation by 10% instead.


 63.1280, 47.2111,
64.1780


 63.1280, 47.2111,
64.1780


425.6862,
375.6565, 458.0572

 46.2038, 33.2026,
46.3478

 108.4349, 86.0286,
112.4692

 32.6120, 22.2817,
32.1697


 137.5484,
111.6064, 143.7672

 21.9872, 14.0640,
21.2252


171.4556,
141.8095, 180.3915

 13.9640, 8.1652,
13.0959

210.5220,
177.0221, 222.7608

 8.1772, 4.2008,
7.3631

255.1129,
217.6287, 271.2934

 4.2613, 1.7865,
3.6083

305.5937,

 1.8510, 0.4788,

264.0137, 326.4080

1.4130

362.3296,
316.5615, 388.5231

■ 0.5481, 0.0000,
0.1519

■ 0.0000, 0.0000,
0.0000

■ 63.1280, 47.2111,
64.1780

■ 63.1280, 47.2111,
64.1780

■ 58.1475, 39.4565,
55.7155

■ 69.1014, 56.7791,
73.5025

■ 54.0957, 33.3916,
48.0804

■ 76.1194, 68.2610,
83.7159

■ 50.9063, 28.8869,
41.2392

■ 84.2342, 81.7574,
94.8469

■ 48.5016, 25.7915,
35.1537

■ 93.4934, 97.3601,
106.9218

■ 46.7887, 23.9236, 95.0500, 100.0000,
29.7801 108.9000

■ 45.7638, 23.0695,
25.7521

Harmonies

Analogous

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



57.9521, 47.2111, 92.6847



63.1280, 47.2111, 64.1780



62.9949, 47.2111, 39.4910

Triad

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



63.1280, 47.2111, 64.1780



40.4930, 47.2111, 17.6857



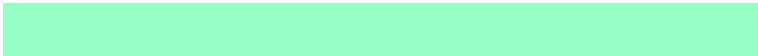
34.1672, 47.2111, 93.9200

Complementary

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



63.1280, 47.2111, 64.1780



58.3493, 81.9876, 66.1793

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.



30.6092, 47.2111, 65.5020



63.1280, 47.2111, 64.1780



33.9261, 47.2111, 24.6652

Square

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



63.1280, 47.2111, 64.1780



49.1355, 47.2111, 17.5369



30.5271, 47.2111, 40.4500



40.8640, 47.2111, 113.2648

Rectangle

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



63.1280, 47.2111, 64.1780



59.8862, 47.2111, 28.1956



30.5271, 47.2111, 40.4500



32.6049, 47.2111, 84.7659

Sweetspot

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



63.1292, 47.2132, 64.1789



83.8587, 81.1287, 94.3445



51.7469, 40.5473, 99.7068



17.7100, 16.9649, 19.8722



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.



63.1292, 47.2132, 64.1789



58.8646, 40.5564, 56.9854



57.8467, 45.1003, 36.3621



18.4178, 18.1504, 20.8172



23.9889, 12.0848, 13.8577



2.3909, 1.1987, 1.6400

Inverse Universe

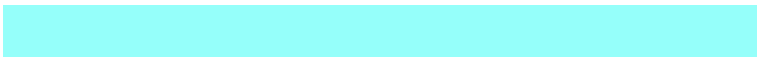
The Inverse Universe completely reimagines the original color for something new.



63.1292, 47.2132, 64.1789



58.8646, 40.5564, 56.9854



65.3640, 84.7935, 103.1180



18.4178, 18.1504, 20.8172



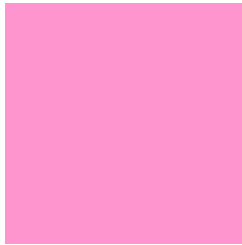
23.9889, 12.0848, 13.8577



2.3909, 1.1987, 1.6400

Previews

White Background



This preview shows how the XYZ color 63.1280, 47.2111, 64.1780 looks on a white background.

Color Contrast Check

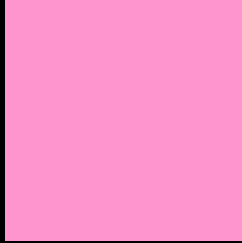
Large Text (above 18pt) WCAG AA × Fail

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 63.1280, 47.2111, 64.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

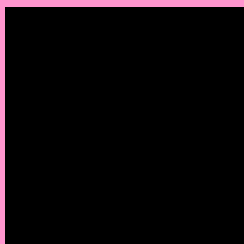
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1280, 47.2111, 64.1780

Background



This preview shows how black text looks on a background with the XYZ color 63.1280, 47.2111, 64.1780.



This preview shows how white text looks on a background with the XYZ color 63.1280, 47.2111,

64.1780.

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

63.1280, 47.2111, 64.1780

Protanopia

47.5407, 47.4198, 80.0461

Deuteranopia

48.4553, 47.3953, 61.8527



Tritanopia

58.7400, 47.1133, 43.0436

Trichromacy



Original Color

63.1280, 47.2111, 64.1780



Protanomaly

51.4634, 46.0998, 73.8959



Deuteranomaly

52.9171, 46.5482, 62.6956



Tritanomaly

59.9796, 46.8553, 50.1387

Monochromacy



Original Color

63.1280, 47.2111, 64.1780



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.8326, 47.7792, 57.5294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1280, 47.2111, 64.1780 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, 149, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 206)  
}
```

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, 149, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 206) }
```

Border

The CSS property to change the border of an element to XYZ 63.1280, 47.2111, 64.1780 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, 149, 206) }
```


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

```
.border{ border-color:rgb(255, 149, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1280, 47.2111, 64.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 206) }
```

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

```
.background{ background-color: rgb(255,  
149, 206) }
```

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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