

Converting Colors

XYZ(69.2460, 50.5849, 64.5781)

Have a look what the booklet for
XYZ(69.2460, 50.5849, 64.5781)
contains.

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Color

**XYZ(63.2869, 47.5289,
64.2309)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96CE
RGB	255, 150, 206
RGB Percent	100%, 59%, 81%
CMY	0.0000, 0.4117, 0.1922
CMYK	0.00, 0.41, 0.19, 0.00
HSL	328°, 100%, 79%
HSV	328°, 41%, 100%
XYZ	63.2869, 47.5289, 64.2309
YIQ	187.7790, 44.6040, 39.6760

Conversions

Conversions Part 2

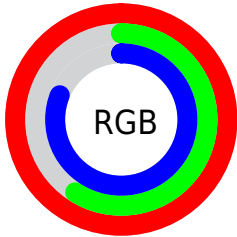
Format	Color
R _Y B	255, 150, 206
Decimal	16750286
CIE Lab	74.53, 46.41, -11.65
CIE LCh	75, 47.851, 345.903
Yxy	47.5289, 0.3615, 0.2715
Android (android.graphics.Color)	4294940366 (0xFFFF96CE)
YUV	187.7790, 8.9830, 58.9528
Hunter-Lab	68.9412, 43.2130, -6.9803

Details

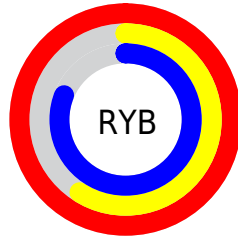
The XYZ color **63.2869, 47.5289, 64.2309** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.6483, 82.1284, 66.7975**, and the grayscale version is **47.6087, 50.0881, 54.5459**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **32.6153, 22.3685, 32.3043** is the 20% darker color. If you saturate the color by 10%, you get **58.2602, 39.7021, 55.6907**, and if you desaturate by 10%, it is **69.3107, 57.1743, 73.6447**.

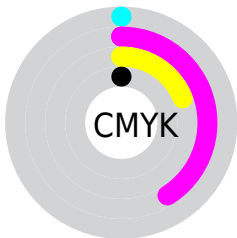
Distribution



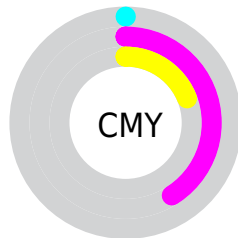
- Red (100%)
- Green (59%)
- Blue (81%)



- Red (100%)
- Yellow (59%)
- Blue (81%)



- Cyan (0%)
- Magenta (41%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2869, 47.5289, 64.2309 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 63.2869, 47.5289, 64.2309 by changing the saturation by 10% instead.


 63.2869, 47.5289,
64.2309


 63.2869, 47.5289,
64.2309


426.2531,
376.9217, 458.2533

 46.3329, 33.4540,
46.3903


 108.6628, 86.5026,
112.5461

 32.7143, 22.4744,
32.2031


 137.8154,
112.1701, 143.8578

 22.0659, 14.2059,
21.2505


171.7649,
142.4706, 180.4969

 14.0222, 8.2640,
13.1142

210.8766,
177.7885, 222.8820

 8.2179, 4.2644,
7.3756

255.5159,
218.5082, 271.4317

 4.2877, 1.8225,
3.6161

306.0482,

 1.8661, 0.5011,

265.0140, 326.5644

1.4172

362.8388,
317.6904, 388.6988

■ 0.5570, 0.0000,
0.1551

■ 0.0000, 0.0000,
0.0000

■ 63.2869, 47.5289,
64.2309

■ 63.2869, 47.5289,
64.2309

■ 58.2602, 39.7021,
55.6907

■ 69.3107, 57.1743,
73.6447

■ 54.1666, 33.5706,
47.9892

■ 76.3833, 68.7383,
83.9591

■ 50.9400, 29.0055,
41.0926

■ 84.5566, 82.3215,
95.2033

■ 48.5032, 25.8568,
34.9625

■ 93.8783, 98.0152,
107.4038

■ 46.7638, 23.9442,
29.5548

95.0500, 100.0000,
108.9000

■ 45.6836, 23.0374,
25.3295

Harmonies

Analogous

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



58.1923, 47.5289, 92.4409



63.2869, 47.5289, 64.2309



63.1173, 47.5289, 39.7738

Triad

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



63.2869, 47.5289, 64.2309



40.7722, 47.5289, 18.1458



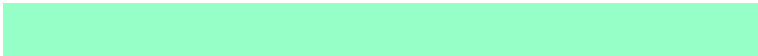
34.5686, 47.5289, 94.0116

Complementary

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



63.2869, 47.5289, 64.2309



58.6483, 82.1284, 66.7975

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.



31.0024, 47.5289, 65.9192



63.2869, 47.5289, 64.2309



34.2596, 47.5289, 25.1931

Square

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



63.2869, 47.5289, 64.2309



49.3448, 47.5289, 17.9534



30.8970, 47.5289, 41.0022



41.2466, 47.5289, 113.0013

Rectangle

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



63.2869, 47.5289, 64.2309



60.0182, 47.5289, 28.5566



30.8970, 47.5289, 41.0022



33.0058, 47.5289, 84.9811

Sweetspot

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



63.2881, 47.5310, 64.2318



83.8386, 81.1207, 94.2386



52.5115, 41.1773, 99.7881



17.7053, 16.9630, 19.8472



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.



63.2881, 47.5310, 64.2318



59.2715, 41.2555, 57.4749



57.9391, 45.3914, 36.0644



18.4143, 18.1490, 20.7990



23.9469, 12.0680, 13.6366



2.3868, 1.1971, 1.6185

Inverse Universe

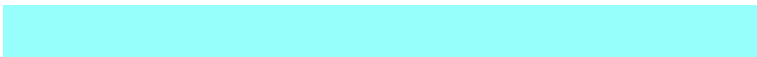
The Inverse Universe completely reimagines the original color for something new.



63.2881, 47.5310, 64.2318



59.2715, 41.2555, 57.4749



65.8304, 85.0013, 104.6180



18.4143, 18.1490, 20.7990



23.9469, 12.0680, 13.6366



2.3868, 1.1971, 1.6185

Previews

White Background



This preview shows how the XYZ color 63.2869, 47.5289, 64.2309 looks on a white background.

Color Contrast Check

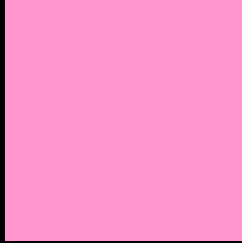
Large Text (above 18pt) WCAG AA × Fail

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 63.2869, 47.5289, 64.2309 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 63.2869, 47.5289, 64.2309

Background



This preview shows how black text looks on a background with the XYZ color 63.2869, 47.5289, 64.2309.



This preview shows how white text looks on a background with the XYZ color 63.2869, 47.5289,

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

63.2869, 47.5289, 64.2309

Protanopia

47.8267, 47.8862, 79.3953

Deuteranopia

48.9108, 47.9266, 61.9312



Tritanopia

59.0021, 47.4877, 43.5924

Trichromacy



Original Color

63.2869, 47.5289, 64.2309



Protanomaly

51.7895, 46.5604, 73.2753



Deuteranomaly

53.1010, 46.9160, 62.7569



Tritanomaly

60.1440, 47.1840, 50.1935

Monochromacy



Original Color

63.2869, 47.5289, 64.2309



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.1378, 48.2093, 58.1871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2869, 47.5289, 64.2309 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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, 150, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 206) }
```

Border

The CSS property to change the border of an element to XYZ 63.2869, 47.5289, 64.2309 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, 206) }
```


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

```
.border{ border-color:rgb(255, 150, 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, 150, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2869, 47.5289, 64.2309 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, 206) }
```

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

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