

Converting Colors

XYZ(42.0581, 32.4571, 47.7079)

Have a look what the booklet for
XYZ(42.0581, 32.4571, 47.7079)
contains.

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Color

**XYZ(41.9229, 32.3021,
47.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	CF81B5
RGB	207, 129, 181
RGB Percent	81%, 51%, 71%
CMY	0.1882, 0.4941, 0.2902
CMYK	0.00, 0.38, 0.13, 0.19
HSL	320°, 45%, 66%
HSV	320°, 38%, 81%
XYZ	41.9229, 32.3021, 47.7414
YIQ	158.2500, 29.7960, 32.7080

Conversions

Conversions Part 2

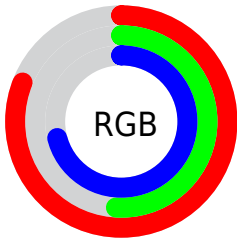
Format	Color
R _Y B	207, 129, 181
Decimal	13599157
CIE Lab	63.59, 37.54, -14.71
CIE LCh	64, 40.318, 338.596
Yxy	32.3021, 0.3437, 0.2648
Android (android.graphics.Color)	4291789237 (0xFFCF81B5)
YUV	158.2500, 11.2157, 42.7537
Hunter-Lab	56.8349, 32.2050, -10.0192

Details

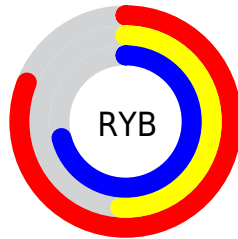
The XYZ color **41.9229, 32.3021, 47.7414** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.2839, 51.6604, 39.0190**, and the grayscale version is **32.5549, 34.2503, 37.2986**.

A 20% lighter version of the original color is **73.4595, 61.2414, 88.0698**, and **19.3832, 13.5866, 22.0229** is the 20% darker color. If you saturate the color by 10%, you get **38.7769, 27.1150, 43.2856**, and if you desaturate by 10%, it is **45.6582, 38.6108, 52.5673**.

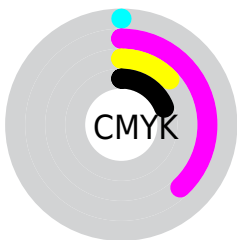
Distribution



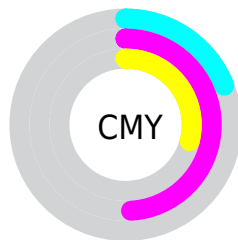
- Red (81%)
- Green (51%)
- Blue (71%)



- Red (81%)
- Yellow (51%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (19%)





- Cyan (19%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9229, 32.3021, 47.7414 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 41.9229, 32.3021, 47.7414 by changing the saturation by 10% instead.


 41.9229, 32.3021,
47.7414


 41.9229, 32.3021,
47.7414

345.1603,
312.4931, 394.2453

 29.2318, 21.5924,
33.2636


 77.3488, 63.2844,
88.1808

 19.4014, 13.5577,
22.0557


 100.8143, 84.3257,
114.9795

 12.0664, 7.8137,
13.6991


 128.6020,
109.5797, 146.7222

 6.8614, 3.9760,
7.7753

161.0772,
139.4307, 183.8275

 3.4211, 1.6601,
3.8658

198.6053,
174.2632, 226.7139

 1.3802, 0.3976,
1.5520

241.5516,

 0.2420, 0.0000,

214.4615, 275.8000

0.2562

290.2815,
260.4100, 331.5043

■ 0.0000, 0.0000,
0.0000

■ 41.9229, 32.3021,
47.7414

■ 41.9229, 32.3021,
47.7414

■ 38.7769, 27.1150,
43.2856

■ 45.6582, 38.6108,
52.5673

■ 36.1833, 22.9777,
39.1842

■ 50.0111, 46.0983,
57.7742

■ 34.1053, 19.8171,
35.4227

■ 55.0116, 54.8232,
63.3749

■ 32.5002, 17.5487,
31.9843

■ 60.6867, 64.8390,
69.3806

■ 31.3181, 16.0734,
28.8497

■ 67.0620, 76.1959,
75.8021

■ 30.4886, 15.2514,
25.9928

■ 74.1616, 88.9415,
82.6498

■ 30.3196, 15.1004,
25.3601

■ 75.6777, 90.4597,
87.8232

■ 76.6624, 90.8536,
93.0085

■ 77.6859, 91.2629,
98.3980

Harmonies

Analogous

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



37.9618, 32.3021, 65.3898



41.9229, 32.3021, 47.7414



42.6969, 32.3021, 30.7387

Triad

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



41.9229, 32.3021, 47.7414



29.1126, 32.3021, 12.5616



22.9954, 32.3021, 58.2710

Complementary

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



41.9229, 32.3021, 47.7414



37.2839, 51.6604, 39.0190

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.



21.1948, 32.3021, 40.0112



41.9229, 32.3021, 47.7414



24.4326, 32.3021, 16.0804

Square

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



41.9229, 32.3021, 47.7414



34.8244, 32.3021, 13.4844



21.6868, 32.3021, 25.0277



26.9188, 32.3021, 72.6484

Rectangle

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



41.9229, 32.3021, 47.7414



41.2206, 32.3021, 22.3226



21.6868, 32.3021, 25.0277



22.1451, 32.3021, 52.1933

Sweetspot

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



41.9239, 32.3036, 47.7421



85.2762, 82.8031, 98.3950



32.6318, 27.1758, 62.5577



18.0146, 17.3075, 20.7953



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.



41.9239, 32.3036, 47.7421



63.1462, 45.0859, 70.8480



38.4661, 30.9205, 29.5337



12.1363, 11.9392, 13.9934



19.1480, 9.5320, 16.2174



1.1066, 0.5474, 1.0964

Inverse Universe

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



41.9239, 32.3036, 47.7421



63.1462, 45.0859, 70.8480



41.1049, 53.1888, 59.1399



12.1363, 11.9392, 13.9934



19.1480, 9.5320, 16.2174



1.1066, 0.5474, 1.0964

Previews

White Background



This preview shows how the XYZ color 41.9229, 32.3021, 47.7414 looks on a white background.

Color Contrast Check

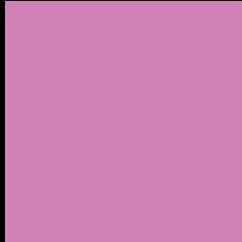
Large Text (above 18pt) WCAG AA × Fail

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 41.9229, 32.3021, 47.7414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

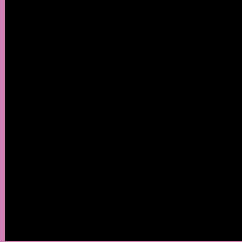
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9229, 32.3021, 47.7414

Background



This preview shows how black text looks on a background with the XYZ color 41.9229, 32.3021, 47.7414.



This preview shows how white text looks on a background with the XYZ color 41.9229, 32.3021,

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

41.9229, 32.3021, 47.7414

Protanopia

32.7970, 32.6533, 57.3975

Deuteranopia

33.3005, 32.6785, 46.1474



Tritanopia

38.6211, 32.3802, 31.4086

Trichromacy



Original Color

41.9229, 32.3021, 47.7414

Protanomaly

35.1031, 31.8151, 53.5810

Deuteranomaly

35.7628, 32.0894, 46.4284

Tritanomaly

39.5474, 32.1156, 36.9155

Monochromacy



Original Color

41.9229, 32.3021, 47.7414

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.2211, 32.8507, 40.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9229, 32.3021, 47.7414 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(207, 129, 181)` looks like.

```
.text, #text, p{  
    color:rgb(207, 129, 181)  
}
```

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(207, 129, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 129, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.9229, 32.3021, 47.7414 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(207, 129, 181) }
```


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

```
.border{ border-color:rgb(207, 129, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 129, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 129, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 129, 181);  
box-shadow:4px 4px 4px 4px rgb(207, 129,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9229, 32.3021, 47.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 129, 181) }
```

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

```
.background{ background-color: rgb(207,  
129, 181) }
```

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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