

Converting Colors

XYZ(42.5233, 31.1308, 54.7065)

Have a look what the booklet for
XYZ(42.5233, 31.1308, 54.7065)
contains.

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Color

**XYZ(42.4293, 31.0795,
54.8016)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7AC2
RGB	207, 122, 194
RGB Percent	81%, 48%, 76%
CMY	0.1882, 0.5215, 0.2392
CMYK	0.00, 0.41, 0.06, 0.19
HSL	309°, 47%, 65%
HSV	309°, 41%, 81%
XYZ	42.4293, 31.0795, 54.8016
YIQ	155.6230, 27.5480, 40.4120

Conversions

Conversions Part 2

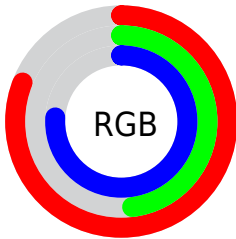
Format	Color
R _Y B	207, 122, 194
Decimal	13597378
CIE Lab	62.57, 43.45, -23.62
CIE LCh	63, 49.451, 331.474
Yxy	31.0795, 0.3307, 0.2422
Android (android.graphics.Color)	4291787458 (0xFFCF7AC2)
YUV	155.6230, 18.9199, 45.0576
Hunter-Lab	55.7490, 38.2916, -19.2581

Details

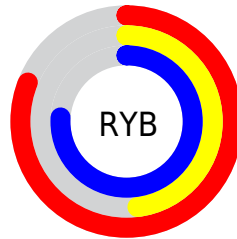
The XYZ color **42.4293, 31.0795, 54.8016** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.7134, 50.5136, 30.8442**, and the grayscale version is **31.3429, 32.9752, 35.9100**.

A 20% lighter version of the original color is **74.1779, 59.2757, 98.7985**, and **19.6863, 12.8531, 26.2543** is the 20% darker color. If you saturate the color by 10%, you get **39.8016, 26.3865, 52.1901**, and if you desaturate by 10%, it is **45.6079, 36.8609, 57.6347**.

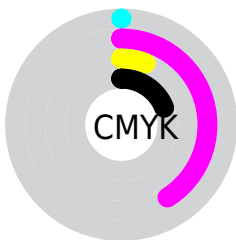
Distribution



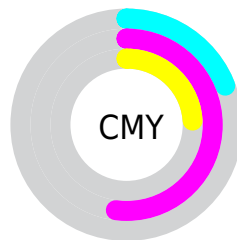
- Red (81%)
- Green (48%)
- Blue (76%)



- Red (81%)
- Yellow (48%)
- Blue (76%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (19%)





- Cyan (19%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4293, 31.0795, 54.8016 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 42.4293, 31.0795, 54.8016 by changing the saturation by 10% instead.


 42.4293, 31.0795,
54.8016

 42.4293, 31.0795,
54.8016

347.2209,
306.9044, 422.4202


 29.6302, 20.6594,
38.8454


 78.1100, 61.3652,
98.7184

 19.7047, 12.8753,
26.3325


 101.7224, 81.9996,
127.5161

 12.2876, 7.3427,
16.8446


 129.6698,
106.8076, 161.4314

 7.0135, 3.6773,
9.9630

162.3177,
136.1735, 200.8828

 3.5169, 1.4948,
5.2691

200.0314,
170.4817, 246.2888

 1.4326, 0.2850,
2.3445

243.1762,

 0.2793, 0.0000,

210.1167, 298.0680

0.7560

292.1176,
255.4628, 356.6389

■ 0.0000, 0.0000,
0.0000

■ 42.4293, 31.0795,
54.8016

■ 42.4293, 31.0795,
54.8016

■ 39.8016, 26.3865,
52.1901

■ 45.6079, 36.8609,
57.6347

■ 37.6870, 22.7084,
49.7866

■ 49.3660, 43.7898,
60.6983

■ 36.0478, 19.9691,
47.5784

■ 53.7339, 51.9259,
64.0030

■ 34.8397, 18.0801,
45.5506

■ 58.7389, 61.3238,
67.5580

■ 34.0100, 16.9359,
43.6854

■ 64.4064, 72.0345,
71.3723

■ 33.5037, 16.3741,
42.1272

■ 70.7608, 84.1062,
75.4539

■ 73.9084, 89.7519,
78.5054

■ 74.3222, 89.9175,
80.6845

■ 74.7439, 90.0862,
82.9054

Harmonies

Analogous

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



36.8239, 31.0795, 76.3060



42.4293, 31.0795, 54.8016



44.4550, 31.0795, 32.8962

Triad

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



42.4293, 31.0795, 54.8016



29.2086, 31.0795, 8.6689



19.8217, 31.0795, 57.1096

Complementary

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



42.4293, 31.0795, 54.8016



34.7134, 50.5136, 30.8442

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.



18.4013, 31.0795, 34.8023



42.4293, 31.0795, 54.8016



23.2863, 31.0795, 11.0532

Square

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



42.4293, 31.0795, 54.8016



36.1603, 31.0795, 10.6074



19.5677, 31.0795, 19.0489



23.7817, 31.0795, 77.9565

Rectangle

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



42.4293, 31.0795, 54.8016



43.2914, 31.0795, 22.0066



19.5677, 31.0795, 19.0489



19.0610, 31.0795, 49.2994

Sweetspot

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



42.4303, 31.0809, 54.8022



85.3088, 81.7088, 101.9806



28.1750, 23.5559, 62.0941



18.0523, 17.1018, 21.6745



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.



42.4303, 31.0809, 54.8022



64.3534, 43.2882, 84.2355



38.3399, 29.4448, 33.2627



12.2298, 11.9767, 14.4862



21.1369, 10.3276, 26.6907



1.2034, 0.5861, 1.6057

Inverse Universe

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



42.4303, 31.0809, 54.8022



64.3534, 43.2882, 84.2355



38.3009, 51.9486, 49.7355



12.2298, 11.9767, 14.4862



21.1369, 10.3276, 26.6907



1.2034, 0.5861, 1.6057

Previews

White Background



This preview shows how the XYZ color 42.4293, 31.0795, 54.8016 looks on a white background.

Color Contrast Check

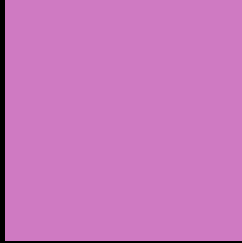
Large Text (above 18pt) WCAG AA × Fail

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 42.4293, 31.0795, 54.8016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

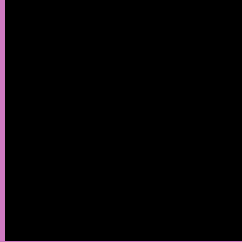
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4293, 31.0795, 54.8016

Background



This preview shows how black text looks on a background with the XYZ color 42.4293, 31.0795, 54.8016.



This preview shows how white text looks on a background with the XYZ color 42.4293, 31.0795,

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

42.4293, 31.0795, 54.8016

Protanopia

32.5322, 31.5443, 68.6640

Deuteranopia

31.9654, 31.3721, 52.5148



Tritanopia

37.4328, 31.1757, 30.0312

Trichromacy



Original Color

42.4293, 31.0795, 54.8016



Protanomaly

34.9386, 30.6321, 63.1026



Deuteranomaly

34.9988, 30.6618, 53.3639



Tritanomaly

39.0004, 31.0057, 38.1116

Monochromacy



Original Color

42.4293, 31.0795, 54.8016



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

34.9082, 31.9628, 42.3598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4293, 31.0795, 54.8016 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, 122, 194)` looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 194)  
}
```

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, 122, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.4293, 31.0795, 54.8016 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, 122, 194) }
```


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

```
.border{ border-color:rgb(207, 122, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 122, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 122, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 122, 194);  
box-shadow:4px 4px 4px 4px rgb(207, 122,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4293, 31.0795, 54.8016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 194) }
```

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

```
.background{ background-color: rgb(207,  
122, 194) }
```

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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