

Converting Colors

XYZ(31.5702, 19.3287, 28.4524)

Have a look what the booklet for
XYZ(31.5702, 19.3287, 28.4524)
contains.

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Color

**XYZ(31.5702, 19.3287,
28.4524)**

Conversions

Conversions Part 1

Format	Color
Hex	C94A90
RGB	201, 74, 144
RGB Percent	79%, 29%, 56%
CMY	0.2118, 0.7098, 0.4353
CMYK	0.00, 0.63, 0.28, 0.21
HSL	327°, 54%, 54%
HSV	327°, 63%, 79%
XYZ	31.5702, 19.3287, 28.4524
YIQ	119.9530, 53.2220, 48.6940

Conversions

Conversions Part 2

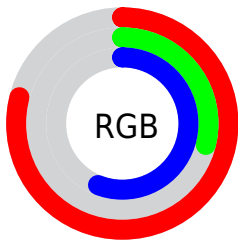
Format	Color
R_{YB}	201, 74, 144
Decimal	13191824
CIE Lab	51.07, 57.18, -12.23
CIE LCh	51, 58.471, 347.929
Yxy	19.3287, 0.3979, 0.2436
Android (android.graphics.Color)	4291381904 (0xFFC94A90)
YUV	119.9530, 11.8552, 71.0782
Hunter-Lab	43.9644, 51.2405, -7.5955

Details

The XYZ color **31.5702, 19.3287, 28.4524** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **27.8085, 44.8684, 28.6701**, and the grayscale version is **17.7899, 18.7164, 20.3821**.

A 20% lighter version of the original color is **59.4157, 41.3025, 58.2667**, and **13.3589, 6.6695, 11.1729** is the 20% darker color. If you saturate the color by 10%, you get **29.7740, 16.7959, 24.5865**, and if you desaturate by 10%, it is **33.8513, 22.7427, 32.7522**.

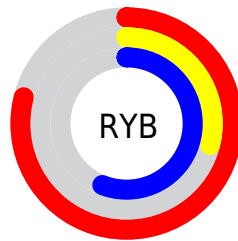
Distribution



Red (79%)

Green (29%)

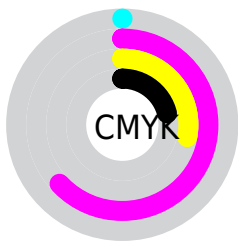
Blue (56%)



Red (79%)

Yellow (29%)

Blue (56%)

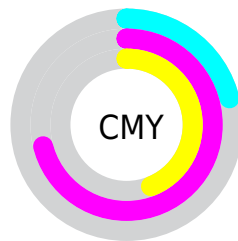


Cyan (0%)

Magenta (63%)

Yellow (28%)

Black (21%)



Cyan (21%)

Magenta (71%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5702, 19.3287, 28.4524 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 31.5702, 19.3287, 28.4524 by changing the saturation by 10% instead.

31.5702, 19.3287,
28.4524

31.5702, 19.3287,
28.4524

300.9369,
248.2574, 308.6021

21.1874, 11.9080,
18.4250

61.5064, 42.2888,
58.2377

13.3743, 6.6811,
11.0829

81.7906, 58.5970,
78.8326

7.7656, 3.2635,
6.0078

106.1058, 78.6365,
103.7871

3.9958, 1.2708,
2.7809

134.8176,
102.7917, 133.5197

1.6998, 0.1184,
0.9839

168.2913,
131.4470, 168.4490

0.4561, 0.0000,
0.0000

206.8921,

0.0000, 0.0000,

164.9868, 208.9934

0.0000

250.9855,
203.7955, 255.5716

■ 31.5702, 19.3287,
28.4524

■ 31.5702, 19.3287,
28.4524

■ 29.7740, 16.7959,
24.5865

■ 33.8513, 22.7427,
32.7522

■ 28.4171, 15.0558,
21.1324

■ 36.6537, 27.1092,
37.5036

■ 27.4476, 14.0066,
18.0665

■ 40.0120, 32.4956,
42.7243

■ 26.9447, 13.5604,
16.1736

■ 43.9575, 38.9623,
48.4303

■ 48.5189, 46.5649,
54.6369

■ 53.7228, 55.3553,
61.3584

■ 59.5946, 65.3820,
68.6083

■ 66.1579, 76.6909,
76.3999

■ 73.4353, 89.3254,
84.7455

Harmonies

Analogous

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



27.9507, 19.3287, 50.5024



31.5702, 19.3287, 28.4524



31.1490, 19.3287, 12.6682

Triad

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



31.5702, 19.3287, 28.4524



15.1490, 19.3287, 2.9407



11.8687, 19.3287, 54.7520

Complementary

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



31.5702, 19.3287, 28.4524



27.8085, 44.8684, 28.6701

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.



9.6755, 19.3287, 32.4827



31.5702, 19.3287, 28.4524



11.2768, 19.3287, 6.0835

Square

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



31.5702, 19.3287, 28.4524



20.8024, 19.3287, 2.7191



9.4845, 19.3287, 15.0507



16.1375, 19.3287, 70.2453

Rectangle

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



31.5702, 19.3287, 28.4524



28.6412, 19.3287, 6.8893



9.4845, 19.3287, 15.0507



10.9069, 19.3287, 47.4007

Sweetspot

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



31.5708, 19.3297, 28.4528



78.1882, 71.5656, 86.9734



22.0509, 13.7857, 56.7571



16.2677, 14.5413, 17.9699



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.



31.5708, 19.3297, 28.4528



49.9887, 27.4466, 39.7158



28.0778, 17.9325, 10.0589



10.8744, 10.7331, 12.3218



16.9885, 8.5450, 10.4154



0.8405, 0.4191, 0.6834

Inverse Universe

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



31.5708, 19.3297, 28.4528



49.9887, 27.4466, 39.7158



33.2850, 47.0590, 57.5089



10.8744, 10.7331, 12.3218



16.9885, 8.5450, 10.4154



0.8405, 0.4191, 0.6834

Previews

White Background



This preview shows how the XYZ color 31.5702, 19.3287, 28.4524 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5702, 19.3287, 28.4524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

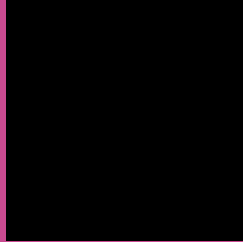
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5702, 19.3287, 28.4524

Background



This preview shows how black text looks on a background with the XYZ color 31.5702, 19.3287, 28.4524.



This preview shows how white text looks on a background with the XYZ color 31.5702, 19.3287,

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

31.5702, 19.3287, 28.4524

Protanopia

20.3612, 19.5503, 44.2954

Deuteranopia

19.8646, 19.5118, 26.3861



Tritanopia

28.2855, 19.2986, 12.3594

Trichromacy



Original Color

31.5702, 19.3287, 28.4524

Protanomaly

22.2892, 17.9061, 37.8788

Deuteranomaly

22.9103, 18.4640, 27.1673

Tritanomaly

29.1752, 19.1881, 17.2049

Monochromacy



Original Color

31.5702, 19.3287, 28.4524

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

21.2071, 17.6750, 23.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5702, 19.3287, 28.4524 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(201, 74, 144)` looks like.

```
.text, #text, p{  
    color:rgb(201, 74, 144)  
}
```

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(201, 74, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 74, 144) }
```

Border

The CSS property to change the border of an element to XYZ 31.5702, 19.3287, 28.4524 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(201, 74, 144) }
```


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

```
.border{ border-color:rgb(201, 74, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 74, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 74, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 74, 144);  
box-shadow:4px 4px 4px 4px rgb(201, 74,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5702, 19.3287, 28.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 74, 144) }
```

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

```
.background{ background-color: rgb(201, 74,  
144) }
```

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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