

Converting Colors

XYZ(32.4962, 19.4704, 30.3515)

Have a look what the booklet for
XYZ(32.4962, 19.4704, 30.3515)
contains.

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Color

**XYZ(32.5799, 19.5138,
30.4832)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC4795 |
| RGB | 204, 71, 149 |
| RGB Percent | 80%, 28%, 58% |
| CMY | 0.2000, 0.7215, 0.4157 |
| CMYK | 0.00, 0.65, 0.27, 0.20 |
| HSL | 325°, 57%, 54% |
| HSV | 325°, 65%, 80% |
| XYZ | 32.5799, 19.5138, 30.4832 |
| YIQ | 119.6590, 54.2300, 52.4540 |

Conversions

Conversions Part 2

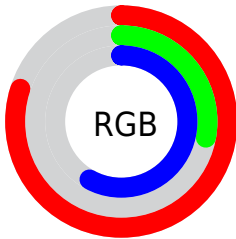
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 71, 149 |
| Decimal | 13387669 |
| CIE _{Lab} | 51.28, 59.91, -14.83 |
| CIE _{LCh} | 51, 61.720, 346.095 |
| Yxy | 19.5138, 0.3945, 0.2363 |
| Android (android.graphics.Color) | 4291577749 (0xFFCC4795) |
| YUV | 119.6590, 14.4651, 73.9671 |
| Hunter-Lab | 44.1744, 54.3436, -9.9918 |

Details

The XYZ color **32.5799, 19.5138, 30.4832** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **27.9584, 46.0323, 27.1527**, and the grayscale version is **17.6881, 18.6092, 20.2654**.

A 20% lighter version of the original color is **59.6089, 40.7505, 61.2238**, and **14.0587, 6.9928, 12.1641** is the 20% darker color. If you saturate the color by 10%, you get **30.8440, 17.0810, 26.7009**, and if you desaturate by 10%, it is **34.8011, 22.8388, 34.6684**.

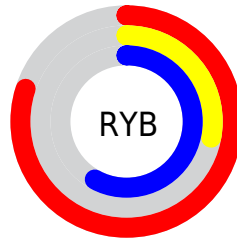
Distribution



Red (80%)

Green (28%)

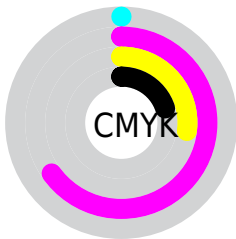
Blue (58%)



Red (80%)

Yellow (28%)

Blue (58%)

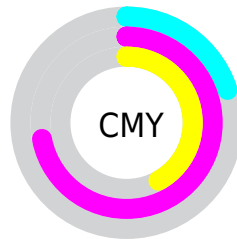


Cyan (0%)

Magenta (65%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (72%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5799, 19.5138, 30.4832 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 32.5799, 19.5138, 30.4832 by changing the saturation by 10% instead.

 32.5799, 19.5138,
30.4832


 32.5799, 19.5138,
30.4832


305.4510,
249.2707, 318.4274


 21.9625, 12.0421,
19.9505

 63.0782, 42.6005,
61.4955


 13.9458, 6.7724,
12.1753


 83.6898, 58.9843,
82.8122


 8.1644, 3.3202,
6.7392


 108.3635, 79.1077,
108.5606

 4.2530, 1.3011,
3.2236

 137.4646,
103.3549, 139.1592

 1.8463, 0.1420,
1.2099

 171.3586,
132.1104, 175.0267

 0.5453, 0.0000,
0.0000

210.4108,

 0.0000, 0.0000,

165.7587, 216.5816

0.0000

254.9865,
204.6840, 264.2423

■ 32.5799, 19.5138,
30.4832

■ 32.5799, 19.5138,
30.4832

■ 30.8440, 17.0810,
26.7009

■ 34.8011, 22.8388,
34.6684

■ 29.5450, 15.4459,
23.2997

■ 37.5462, 27.1319,
39.2737

■ 28.6269, 14.4977,
20.2560

■ 40.8516, 32.4644,
44.3163

■ 28.2700, 14.1846,
18.9013

■ 44.7499, 38.9000,
49.8115

■ 49.2711, 46.4972,
55.7740

■ 54.4431, 55.3103,
62.2173

■ 60.2920, 65.3902,
69.1546

■ 66.8424, 76.7849,
76.5982

■ 74.1179, 89.5399,
84.5601

Harmonies

Analogous

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



28.4541, 19.5138, 54.5087



32.5799, 19.5138, 30.4832



32.4096, 19.5138, 13.1638

Triad

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



32.5799, 19.5138, 30.4832



15.4543, 19.5138, 2.4816



11.4879, 19.5138, 56.2449

Complementary

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



32.5799, 19.5138, 30.4832



27.9584, 46.0323, 27.1527

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.



9.3377, 19.5138, 32.1042



32.5799, 19.5138, 30.4832



11.2569, 19.5138, 5.3394

Square

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



32.5799, 19.5138, 30.4832



21.5409, 19.5138, 2.4023



9.2638, 19.5138, 14.0951



15.8447, 19.5138, 74.0949

Rectangle

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



32.5799, 19.5138, 30.4832



29.8554, 19.5138, 6.8759



9.2638, 19.5138, 14.0951



10.5300, 19.5138, 48.1432

Sweetspot

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



32.5805, 19.5148, 30.4836



77.6710, 70.3810, 87.2643



21.4946, 13.1675, 58.5356



16.1781, 14.3157, 18.0835



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.



32.5805, 19.5148, 30.4836



50.1771, 27.1053, 41.9926



28.7679, 17.9898, 10.4068



11.4836, 11.3222, 13.0815



17.8407, 8.9469, 12.1456



0.9576, 0.4764, 0.8226

Inverse Universe

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



32.5805, 19.5148, 30.4836



50.1771, 27.1053, 41.9926



33.5631, 48.2742, 56.6667



11.4836, 11.3222, 13.0815



17.8407, 8.9469, 12.1456



0.9576, 0.4764, 0.8226

Previews

White Background



This preview shows how the XYZ color 32.5799, 19.5138, 30.4832 looks on a white background.

Color Contrast Check

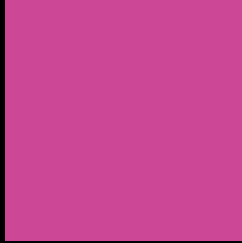
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5799, 19.5138, 30.4832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

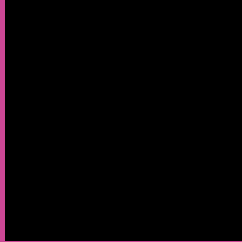
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5799, 19.5138, 30.4832

Background



This preview shows how black text looks on a background with the XYZ color 32.5799, 19.5138, 30.4832.



This preview shows how white text looks on a background with the XYZ color 32.5799, 19.5138,

30.4832.

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

32.5799, 19.5138, 30.4832

Protanopia

20.8499, 19.8869, 48.6386

Deuteranopia

20.2031, 19.8216, 28.3523



Tritanopia

28.7693, 19.5530, 12.1553

Trichromacy



Original Color

32.5799, 19.5138, 30.4832



Protanomaly

22.7779, 18.0823, 41.3194



Deuteranomaly

23.1886, 18.4171, 29.1207



Tritanomaly

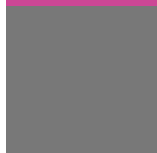
29.9545, 19.4722, 17.5090

Monochromacy



Original Color

32.5799, 19.5138, 30.4832



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

21.6106, 17.7207, 23.7542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5799, 19.5138, 30.4832 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(204, 71, 149)` looks like.

```
.text, #text, p{  
    color:rgb(204, 71, 149)  
}
```

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(204, 71, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 71, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.5799, 19.5138, 30.4832 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(204, 71, 149) }
```


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

```
.border{ border-color:rgb(204, 71, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 71, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 71, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 71, 149);  
box-shadow:4px 4px 4px 4px rgb(204, 71,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5799, 19.5138, 30.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 71, 149) }
```

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

```
.background{ background-color: rgb(204, 71,  
149) }
```

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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