

Converting Colors

XYZ(34.7852, 18.9002, 32.6591)

Have a look what the booklet for
XYZ(34.7852, 18.9002, 32.6591)
contains.

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Color

**XYZ(34.7463, 18.8593,
32.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	D6319B
RGB	214, 49, 155
RGB Percent	84%, 19%, 61%
CMY	0.1608, 0.8078, 0.3922
CMYK	0.00, 0.77, 0.28, 0.16
HSL	321°, 67%, 52%
HSV	321°, 77%, 84%
XYZ	34.7463, 18.8593, 32.8192
YIQ	110.4190, 64.3140, 67.9460

Conversions

Conversions Part 2

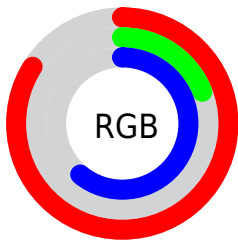
Format	Color
R _Y B	214, 49, 155
Decimal	14037403
CIE Lab	50.52, 70.78, -19.40
CIE LCh	51, 73.392, 344.670
Yxy	18.8593, 0.4020, 0.2182
Android (android.graphics.Color)	4292227483 (0xFFD6319B)
YUV	110.4190, 21.9784, 90.8405
Hunter-Lab	43.4273, 66.8206, -14.4080

Details

The XYZ color **34.7463, 18.8593, 32.8192** 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 **28.0212, 49.8296, 22.3316**, and the grayscale version is **14.8686, 15.6429, 17.0351**.

A 20% lighter version of the original color is **58.6670, 37.5015, 65.1192**, and **16.0163, 7.9680, 13.7905** is the 20% darker color. If you saturate the color by 10%, you get **33.4316, 17.2259, 29.3099**, and if you desaturate by 10%, it is **36.5274, 21.3600, 36.6852**.

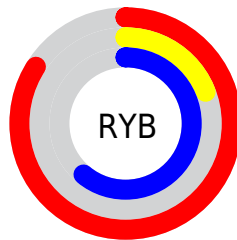
Distribution



Red (84%)

Green (19%)

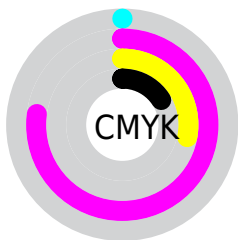
Blue (61%)



Red (84%)

Yellow (19%)

Blue (61%)

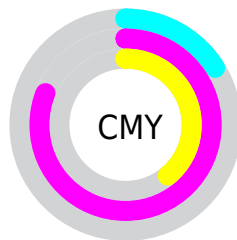


Cyan (0%)

Magenta (77%)

Yellow (28%)

Black (16%)



Cyan (16%)


Magenta (81%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7463, 18.8593, 32.8192 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 34.7463, 18.8593, 32.8192 by changing the saturation by 10% instead.

 34.7463, 18.8593,
32.8192


 34.7463, 18.8593,
32.8192


314.9748,
245.6709, 329.4412


 23.6331, 11.5687,
21.7180


 66.4292, 41.4962,
65.2059

 15.1849, 6.4507,
13.4535


 87.7296, 57.6113,
87.3285


 9.0364, 3.1210,
7.6072


 113.1564, 77.4366,
113.9619

 4.8223, 1.1952,
3.7605

 143.0751,
101.3566, 145.5248

 2.1770, 0.0578,
1.4949

 177.8509,
129.7556, 182.4356

 0.7306, 0.0000,
0.2141

217.8492,

 0.0000, 0.0000,

163.0181, 225.1130

0.0000

263.4354,
201.5284, 273.9753

■ 34.7463, 18.8593,
32.8192

■ 34.7463, 18.8593,
32.8192

■ 33.4316, 17.2259,
29.3099

■ 36.5274, 21.3600,
36.6852

■ 32.5103, 16.3155,
26.1289

■ 38.8271, 24.8316,
40.9285

■ 32.2812, 16.1160,
25.2549

■ 41.6921, 29.3662,
45.5683

■ 45.1631, 35.0444,
50.6217

■ 49.2771, 41.9388,
56.1041

■ 54.0679, 50.1162,
62.0303

■ 59.5669, 59.6382,
68.4139

■ 65.8036, 70.5628,
75.2677

■ 72.8057, 82.9442,
82.6040

Harmonies

Analogous

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



29.4475, 18.8593, 63.2622



34.7463, 18.8593, 32.8192



34.8102, 18.8593, 12.0819

Triad

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



34.7463, 18.8593, 32.8192



14.6605, 18.8593, 1.1353



9.8101, 18.8593, 62.5842

Complementary

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



34.7463, 18.8593, 32.8192



28.0212, 49.8296, 22.3316

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.



7.6345, 18.8593, 32.2227



34.7463, 18.8593, 32.8192



9.8854, 18.8593, 3.3227

Square

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



34.7463, 18.8593, 32.8192



21.8161, 18.8593, 1.1525



7.6578, 18.8593, 11.7763



14.5268, 18.8593, 86.8401

Rectangle

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



34.7463, 18.8593, 32.8192



31.7960, 18.8593, 5.2826



7.6578, 18.8593, 11.7763



8.8206, 18.8593, 52.1113

Sweetspot

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



34.7469, 18.8603, 32.8195



75.9141, 66.8400, 86.7624



19.2707, 10.1633, 64.5647



15.7161, 13.4019, 17.8979



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.



34.7469, 18.8603, 32.8195



48.7281, 24.5974, 40.3068



30.0584, 16.9849, 8.1302



12.7557, 12.5538, 14.6540



19.5630, 9.7615, 15.5349



1.2188, 0.6043, 1.1415

Inverse Universe

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



34.7469, 18.8603, 32.8195



48.7281, 24.5974, 40.3068



34.5265, 52.4317, 56.5883



12.7557, 12.5538, 14.6540



19.5630, 9.7615, 15.5349



1.2188, 0.6043, 1.1415

Previews

White Background



This preview shows how the XYZ color 34.7463, 18.8593, 32.8192 looks on a white background.

Color Contrast Check

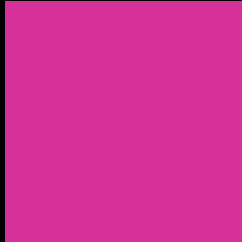
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7463, 18.8593, 32.8192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

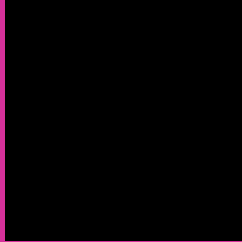
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7463, 18.8593, 32.8192

Background



This preview shows how black text looks on a background with the XYZ color 34.7463, 18.8593, 32.8192.



This preview shows how white text looks on a background with the XYZ color 34.7463, 18.8593,

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

34.7463, 18.8593, 32.8192

Protanopia

21.1863, 19.2521, 60.9919

Deuteranopia

19.4125, 19.0253, 29.8432



Tritanopia

29.8363, 18.8575, 9.2750

Trichromacy



Original Color

34.7463, 18.8593, 32.8192



Protanomaly

22.2441, 16.2419, 48.9763



Deuteranomaly

22.6656, 16.8687, 30.4951



Tritanomaly

31.0702, 18.5228, 15.5734

Monochromacy



Original Color

34.7463, 18.8593, 32.8192



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

19.4684, 14.7817, 21.5657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7463, 18.8593, 32.8192 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(214, 49, 155)` looks like.

```
.text, #text, p{  
    color:rgb(214, 49, 155)  
}
```

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(214, 49, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 49, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.7463, 18.8593, 32.8192 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(214, 49, 155) }
```


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

```
.border{ border-color:rgb(214, 49, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 49, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 49, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 49, 155);  
box-shadow:4px 4px 4px 4px rgb(214, 49,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7463, 18.8593, 32.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 49, 155) }
```

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

```
.background{ background-color: rgb(214, 49,  
155) }
```

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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