

Converting Colors

XYZ(31.6444, 19.9406, 28.0739)

Have a look what the booklet for
XYZ(31.6444, 19.9406, 28.0739)
contains.

XYZ(31.5733, 19.8545, 28.1548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.5733, 19.8545,
28.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	C84F8F
RGB	200, 79, 143
RGB Percent	78%, 31%, 56%
CMY	0.2157, 0.6902, 0.4392
CMYK	0.00, 0.60, 0.28, 0.22
HSL	328°, 52%, 55%
HSV	328°, 60%, 78%
XYZ	31.5733, 19.8545, 28.1548
YIQ	122.4750, 51.5720, 45.5560

Conversions

Conversions Part 2

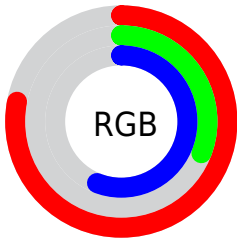
Format	Color
R _Y B	200, 79, 143
Decimal	13127567
CIE Lab	51.67, 54.59, -10.74
CIE LCh	52, 55.638, 348.869
Yxy	19.8545, 0.3967, 0.2495
Android (android.graphics.Color)	4291317647 (0xFFC84F8F)
YUV	122.4750, 10.1188, 67.9894
Hunter-Lab	44.5584, 48.5048, -6.2723

Details

The XYZ color **31.5733, 19.8545, 28.1548** 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 **28.3237, 44.7489, 30.4396**, and the grayscale version is **18.6109, 19.5802, 21.3228**.

A 20% lighter version of the original color is **59.8431, 42.3414, 57.8420**, and **13.3164, 6.9117, 10.9882** is the 20% darker color. If you saturate the color by 10%, you get **29.6575, 17.1175, 24.1413**, and if you desaturate by 10%, it is **33.9841, 23.4852, 32.6294**.

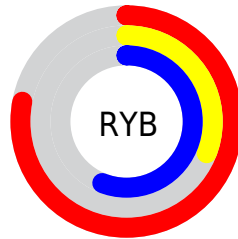
Distribution



Red (78%)

Green (31%)

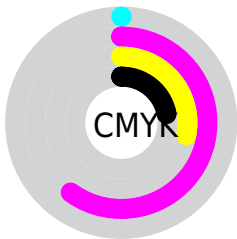
Blue (56%)



Red (78%)

Yellow (31%)

Blue (56%)

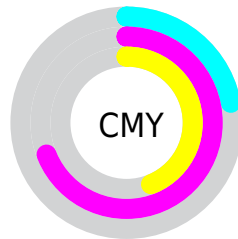


Cyan (0%)

Magenta (60%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5733, 19.8545, 28.1548 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 31.5733, 19.8545, 28.1548 by changing the saturation by 10% instead.

■ 31.5733, 19.8545,
28.1548

■ 31.5733, 19.8545,
28.1548

300.9508,
251.1264, 307.1410

■ 21.1898, 12.2893,
18.2023

■ 61.5113, 43.1731,
57.7576

■ 13.3760, 6.9410,
10.9244

■ 81.7964, 59.6953,
78.2449

■ 7.7668, 3.4253,
5.9025

■ 106.1128, 79.9720,
103.0810

■ 3.9966, 1.3576,
2.7180

■ 134.8258,
104.3876, 132.6844

■ 1.7002, 0.1851,
0.9525

■ 168.3007,
133.3264, 167.4735

■ 0.4564, 0.0000,
0.0000

206.9030,

■ 0.0000, 0.0000,

167.1729, 207.8670

0.0000

250.9979,
206.3114, 254.2833

■ 31.5733, 19.8545,
28.1548

■ 31.5733, 19.8545,
28.1548

■ 29.6575, 17.1175,
24.1413

■ 33.9841, 23.4852,
32.6294

■ 28.1932, 15.1901,
20.5668

■ 36.9249, 28.0778,
37.5833

■ 27.1317, 13.9771,
17.4075

■ 40.4292, 33.6971,
43.0347

■ 26.4096, 13.3154,
14.7541

■ 44.5273, 40.4014,
49.0000

■ 49.2473, 48.2449,
55.4950

■ 54.6152, 57.2777,
62.5346

■ 60.6557, 67.5472,
70.1329

■ 67.3922, 79.0981,
78.3035

■ 73.5550, 89.3896,
86.6291

Harmonies

Analogous

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



28.2293, 19.8545, 49.0088



31.5733, 19.8545, 28.1548



31.0446, 19.8545, 13.0794

Triad

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



31.5733, 19.8545, 28.1548



15.5897, 19.8545, 3.5726



12.6220, 19.8545, 54.2807

Complementary

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



31.5733, 19.8545, 28.1548



28.3237, 44.7489, 30.4396

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.



10.3862, 19.8545, 33.2420



31.5733, 19.8545, 28.1548



11.8501, 19.8545, 6.9892

Square

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



31.5733, 19.8545, 28.1548



21.0334, 19.8545, 3.2571



10.1349, 19.8545, 16.1807



16.8623, 19.8545, 68.3751

Rectangle

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



31.5733, 19.8545, 28.1548



28.5891, 19.8545, 7.4388



10.1349, 19.8545, 16.1807



11.6503, 19.8545, 47.4131

Sweetspot

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



31.5739, 19.8555, 28.1552



78.8269, 72.8148, 87.2732



23.2893, 14.9531, 56.3024



16.3852, 14.7811, 17.9944



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.



31.5739, 19.8555, 28.1552



50.3622, 28.2991, 39.5152



28.1788, 18.4975, 10.2769



10.8643, 10.7291, 12.2688



16.8378, 8.4847, 9.6214



0.8337, 0.4163, 0.6472

Inverse Universe

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



31.5739, 19.8555, 28.1552



50.3622, 28.2991, 39.5152



33.8394, 46.9552, 59.4846



10.8643, 10.7291, 12.2688



16.8378, 8.4847, 9.6214



0.8337, 0.4163, 0.6472

Previews

White Background



This preview shows how the XYZ color 31.5733, 19.8545, 28.1548 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 31.5733, 19.8545, 28.1548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

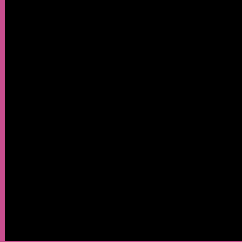
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5733, 19.8545, 28.1548

Background



This preview shows how black text looks on a background with the XYZ color 31.5733, 19.8545, 28.1548.



This preview shows how white text looks on a background with the XYZ color 31.5733, 19.8545,

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

31.5733, 19.8545, 28.1548

Protanopia

20.6867, 20.1243, 42.3292

Deuteranopia

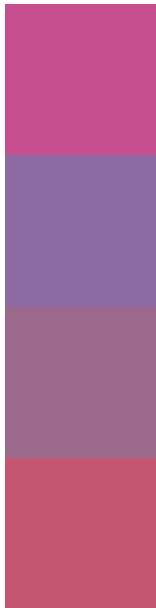
20.4377, 19.9849, 26.4472



Tritanopia

28.5324, 19.8926, 13.4022

Trichromacy



Original Color

31.5733, 19.8545, 28.1548

Protanomaly

22.6601, 18.5794, 36.5743

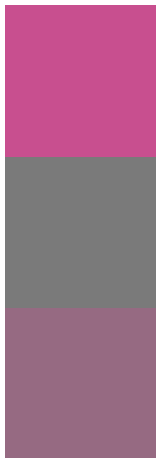
Deuteranomaly

23.2293, 18.9358, 26.8568

Tritanomaly

29.3344, 19.7181, 17.8827

Monochromacy



Original Color

31.5733, 19.8545, 28.1548

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.7610, 18.4038, 23.5245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5733, 19.8545, 28.1548 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(200, 79, 143)` looks like.

```
.text, #text, p{  
    color:rgb(200, 79, 143)  
}
```

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(200, 79, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 79, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.5733, 19.8545, 28.1548 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(200, 79, 143) }
```


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

```
.border{ border-color:rgb(200, 79, 143) }
```

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

Here you see how a box with a 4 pixel rgb(200, 79, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 79, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 79, 143);  
box-shadow:4px 4px 4px 4px rgb(200, 79,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5733, 19.8545, 28.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 79, 143) }
```

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

```
.background{ background-color: rgb(200, 79,  
143) }
```

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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