

Converting Colors

XYZ(29.3264, 19.4222, 28.2104)

Have a look what the booklet for
XYZ(29.3264, 19.4222, 28.2104)
contains.

XYZ(29.1927, 19.2990, 28.1731)	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(29.1927, 19.2990,
28.1731)**

Conversions

Conversions Part 1

Format	Color
Hex	BD558F
RGB	189, 85, 143
RGB Percent	74%, 33%, 56%
CMY	0.2588, 0.6666, 0.4392
CMYK	0.00, 0.55, 0.24, 0.26
HSL	327°, 44%, 54%
HSV	327°, 55%, 74%
XYZ	29.1927, 19.2990, 28.1731
YIQ	122.7080, 43.3660, 40.0860

Conversions

Conversions Part 2

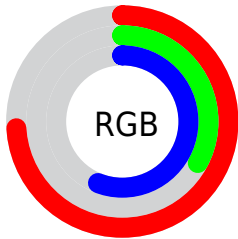
Format	Color
R _Y B	189, 85, 143
Decimal	12408207
CIE Lab	51.04, 48.41, -11.87
CIE LCh	51, 49.839, 346.226
Yxy	19.2990, 0.3808, 0.2517
Android (android.graphics.Color)	4290598287 (0xFFBD558F)
YUV	122.7080, 10.0040, 58.1381
Hunter-Lab	43.9306, 41.7379, -7.2718

Details

The XYZ color **29.1927, 19.2990, 28.1731** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.0416, 39.9657, 27.8163**, and the grayscale version is **18.6895, 19.6628, 21.4128**.

A 20% lighter version of the original color is **58.0221, 42.4529, 57.9595**, and **12.1129, 6.7054, 11.0118** is the 20% darker color. If you saturate the color by 10%, you get **27.2887, 16.4668, 24.5294**, and if you desaturate by 10%, it is **31.5424, 22.9466, 32.1986**.

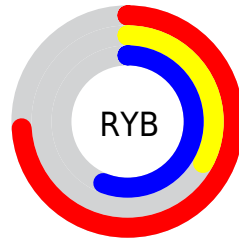
Distribution



Red (74%)

Green (33%)

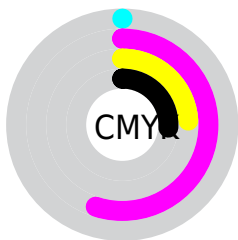
Blue (56%)



Red (74%)

Yellow (33%)

Blue (56%)

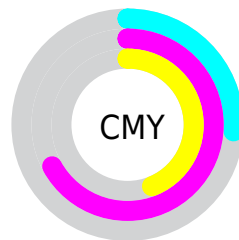


Cyan (0%)

Magenta (55%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (67%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1927, 19.2990, 28.1731 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 29.1927, 19.2990, 28.1731 by changing the saturation by 10% instead.

 29.1927, 19.2990,
28.1731


 29.1927, 19.2990,
28.1731


290.1009,
248.0945, 307.2310


 19.3717, 11.8865,
18.2160


 57.7785, 42.2387,
57.7871

 12.0447, 6.6665,
10.9341


 77.2741, 58.5348,
78.2811


 6.8466, 3.2544,
5.9089


 100.7251, 78.5608,
103.1245

 3.4118, 1.2659,
2.7219

 128.4971,
102.7012, 132.7358

 1.3751, 0.1146,
0.9544

 160.9553,
131.3404, 167.5336

 0.2384, 0.0000,
0.0000

198.4651,

 0.0000, 0.0000,

164.8627, 207.9363

0.0000

241.3918,
203.6526, 254.3626

■ 29.1927, 19.2990,
28.1731

■ 29.1927, 19.2990,
28.1731

■ 27.2887, 16.4668,
24.5294

■ 31.5424, 22.9466,
32.1986

■ 25.7951, 14.3820,
21.2502

■ 34.3660, 27.4649,
36.6197

■ 24.6742, 12.9701,
18.3178

■ 37.6910, 32.9076,
41.4505

■ 23.8790, 12.1393,
15.7113

■ 41.5426, 39.3231,
46.7039

■ 23.5568, 11.8470,
14.5178

■ 45.9440, 46.7566,
52.3921

■ 50.9169, 55.2503,
58.5269

■ 56.4821, 64.8441,
65.1193

■ 62.6592, 75.5757,
72.1800

■ 69.4328, 87.4134,
79.7079

Harmonies

Analogous

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



26.0860, 19.2990, 45.9882



29.1927, 19.2990, 28.1731



29.0497, 19.2990, 14.2960

Triad

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



29.1927, 19.2990, 28.1731



15.8167, 19.2990, 4.2276



12.5289, 19.2990, 47.3883

Complementary

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



29.1927, 19.2990, 28.1731



26.0416, 39.9657, 27.8163

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.



10.6554, 19.2990, 29.5611



29.1927, 19.2990, 28.1731



12.3075, 19.2990, 7.2594

Square

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



29.1927, 19.2990, 28.1731



20.6972, 19.2990, 4.1251



10.5824, 19.2990, 15.1827



16.1747, 19.2990, 60.0171

Rectangle

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



29.1927, 19.2990, 28.1731



27.1150, 19.2990, 8.6946



10.5824, 19.2990, 15.1827



11.7021, 19.2990, 41.5199

Sweetspot

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



29.1933, 19.3000, 28.1735



72.7672, 67.6879, 81.4637



21.6510, 14.9234, 49.8837



15.3438, 14.0476, 17.1073



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.1933, 19.3000, 28.1735



48.2727, 28.6287, 42.6865



26.1644, 18.0884, 12.2236



9.7469, 9.6230, 11.0560



15.8887, 7.9866, 9.9732



0.6548, 0.3258, 0.5614

Inverse Universe

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



29.1933, 19.3000, 28.1735



48.2727, 28.6287, 42.6865



30.3950, 41.7071, 50.7408



9.7469, 9.6230, 11.0560



15.8887, 7.9866, 9.9732



0.6548, 0.3258, 0.5614

Previews

White Background



This preview shows how the XYZ color 29.1927, 19.2990, 28.1731 looks on a white background.

Color Contrast Check

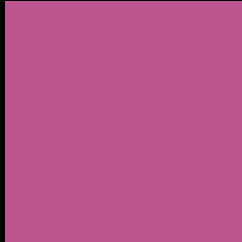
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1927, 19.2990, 28.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

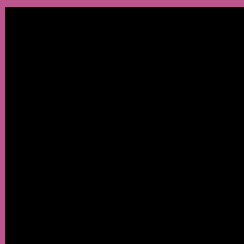
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1927, 19.2990, 28.1731

Background



This preview shows how black text looks on a background with the XYZ color 29.1927, 19.2990, 28.1731.



This preview shows how white text looks on a background with the XYZ color 29.1927, 19.2990,

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

29.1927, 19.2990, 28.1731

Protanopia

20.0896, 19.6900, 39.7875

Deuteranopia

19.9367, 19.5407, 26.7657



Tritanopia

26.3593, 19.2593, 14.6400

Trichromacy



Original Color

29.1927, 19.2990, 28.1731

Protanomaly

21.9371, 18.5467, 35.2245

Deuteranomaly

22.5690, 18.8929, 27.2681

Tritanomaly

27.1432, 19.1822, 18.7949

Monochromacy



Original Color

29.1927, 19.2990, 28.1731

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.5305, 18.7520, 23.6038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1927, 19.2990, 28.1731 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(189, 85, 143)` looks like.

```
.text, #text, p{  
    color:rgb(189, 85, 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(189, 85, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 85, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.1927, 19.2990, 28.1731 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(189, 85, 143) }
```


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

```
.border{ border-color:rgb(189, 85, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 85, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 85, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 85, 143);  
box-shadow:4px 4px 4px 4px rgb(189, 85,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1927, 19.2990, 28.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 85, 143) }
```

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

```
.background{ background-color: rgb(189, 85,  
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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