

Converting Colors

XYZ(27.3054, 14.2637, 18.9343)

Have a look what the booklet for
XYZ(27.3054, 14.2637, 18.9343)
contains.

XYZ(27.3353, 14.2820, 19.0853)	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(27.3353, 14.2820,
19.0853)**

Conversions

Conversions Part 1

Format	Color
Hex	C71B78
RGB	199, 27, 120
RGB Percent	78%, 11%, 47%
CMY	0.2196, 0.8941, 0.5294
CMYK	0.00, 0.86, 0.40, 0.22
HSL	328°, 76%, 44%
HSV	328°, 86%, 78%
XYZ	27.3353, 14.2820, 19.0853
YIQ	89.0300, 72.6590, 65.3870

Conversions

Conversions Part 2

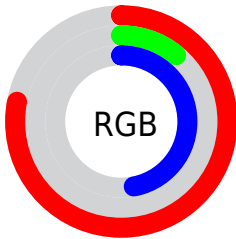
Format	Color
R_{YB}	199, 27, 120
Decimal	13048696
CIE Lab	44.63, 68.68, -7.39
CIE LCh	45, 69.079, 353.862
Yxy	14.2820, 0.4503, 0.2353
Android (android.graphics.Color)	4291238776 (0xFFC71B78)
YUV	89.0300, 15.2682, 96.4437
Hunter-Lab	37.7915, 62.9771, -3.4883

Details

The XYZ color **27.3353, 14.2820, 19.0853** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.4782, 42.1211, 20.5327**, and the grayscale version is **9.4599, 9.9526, 10.8384**.

A 20% lighter version of the original color is **52.8693, 32.6043, 42.5365**, and **11.8172, 5.9568, 6.6578** is the 20% darker color. If you saturate the color by 10%, you get **26.4920, 13.4412, 16.1965**, and if you desaturate by 10%, it is **28.5382, 15.7572, 22.3555**.

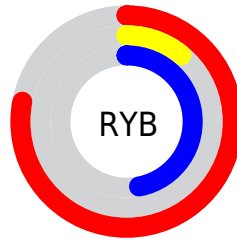
Distribution



Red (78%)

Green (11%)

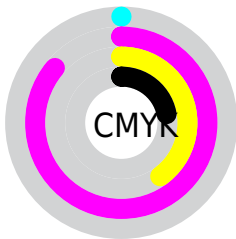
Blue (47%)



Red (78%)

Yellow (11%)

Blue (47%)

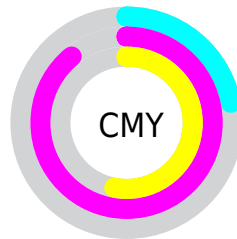


Cyan (0%)

Magenta (86%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (89%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3353, 14.2820, 19.0853 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 27.3353, 14.2820, 19.0853 by changing the saturation by 10% instead.


 27.3353, 14.2820,
19.0853


 27.3353, 14.2820,
19.0853


281.4150,
218.9782, 259.3577


 17.9631, 8.3171,
11.5545


 54.8375, 33.5886,
42.7168


 11.0230, 4.2985,
6.3223


 73.6983, 47.6990,
59.6546


 6.1497, 1.8419,
2.9701


 96.4526, 65.2933,
80.5651

 2.9779, 0.5131,
1.0794

 123.4658, 86.7560,
105.8669

 1.1421, 0.0000,
0.0000

 155.1033,
112.4715, 135.9785

 0.0599, 0.0000,
0.0000

 191.7304,

 0.0000, 0.0000,

142.8241, 171.3185

0.0000

233.7125,
178.1982, 212.3054

■ 27.3353, 14.2820,
19.0853

■ 27.3353, 14.2820,
19.0853

■ 26.4920, 13.4412,
16.1965

■ 28.5382, 15.7572,
22.3555

■ 26.2383, 13.2161,
15.2415

■ 30.1574, 17.9778,
26.0326

■ 32.2382, 21.0325,
30.1387

■ 34.8196, 24.9971,
34.6933

■ 37.9362, 29.9386,
39.7140

■ 41.6191, 35.9175,
45.2174

■ 45.8974, 42.9898,
51.2191

■ 50.7976, 51.2071,
57.7336

■ 56.3451, 60.6177,
64.7748

Harmonies

Analogous

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



24.2548, 14.2820, 41.7344



27.3353, 14.2820, 19.0853



25.9893, 14.2820, 6.1168

Triad

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



27.3353, 14.2820, 19.0853



9.6694, 14.2820, 0.9636



8.1649, 14.2820, 56.0939

Complementary

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



27.3353, 14.2820, 19.0853



23.4782, 42.1211, 20.5327

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.



5.9186, 14.2820, 31.6511



27.3353, 14.2820, 19.0853



6.6054, 14.2820, 3.5352

Square

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



27.3353, 14.2820, 19.0853



14.7584, 14.2820, 0.5784



5.4387, 14.2820, 12.4818



12.4559, 14.2820, 70.7461

Rectangle

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



27.3353, 14.2820, 19.0853



22.9083, 14.2820, 2.4779



5.4387, 14.2820, 12.4818



7.1989, 14.2820, 48.1834

Sweetspot

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



27.3357, 14.2828, 19.0855



72.9018, 62.9377, 79.2154



16.4576, 7.8757, 54.6856



15.0936, 12.6374, 16.2092



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.



27.3357, 14.2828, 19.0855



45.8179, 23.0911, 26.0366



24.2581, 13.0518, 2.8791



10.8696, 10.7312, 12.2968



16.9165, 8.5161, 10.0359



0.8373, 0.4177, 0.6662

Inverse Universe

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



27.3357, 14.2828, 19.0855



45.8179, 23.0911, 26.0366



30.2140, 44.8154, 56.0030



10.8696, 10.7312, 12.2968



16.9165, 8.5161, 10.0359



0.8373, 0.4177, 0.6662

Previews

White Background



This preview shows how the XYZ color 27.3353, 14.2820, 19.0853 looks on a white 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

Black Background



This preview shows how the XYZ color 27.3353, 14.2820, 19.0853 looks on a black 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

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

XYZ 27.3353, 14.2820, 19.0853

Background



This preview shows how black text looks on a background with the XYZ color 27.3353, 14.2820, 19.0853.



This preview shows how white text looks on a background with the XYZ color 27.3353, 14.2820,

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

27.3353, 14.2820, 19.0853

Protanopia

15.6867, 14.7693, 39.0698

Deuteranopia

14.9452, 14.7153, 17.3819



Tritanopia

24.3995, 14.3244, 4.9689

Trichromacy



Original Color

27.3353, 14.2820, 19.0853

Protanomaly

16.6972, 11.9021, 30.6954

Deuteranomaly

17.5330, 12.5177, 17.7117

Tritanomaly

25.0040, 14.0136, 8.5948

Monochromacy



Original Color

27.3353, 14.2820, 19.0853

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

13.3017, 9.4837, 13.1860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3353, 14.2820, 19.0853 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(199, 27, 120)` looks like.

```
.text, #text, p{  
    color:rgb(199, 27, 120)  
}
```

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(199, 27, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 27, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.3353, 14.2820, 19.0853 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(199, 27, 120) }
```


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

```
.border{ border-color:rgb(199, 27, 120) }
```

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

Here you see how a box with a 4 pixel rgb(199, 27, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 27, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 27, 120);  
box-shadow:4px 4px 4px 4px rgb(199, 27,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3353, 14.2820, 19.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 27, 120) }
```

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

```
.background{ background-color: rgb(199, 27,  
120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor