

Converting Colors

$Y_{xy}(29.3287, 0.3988, 0.2986)$

Have a look what the booklet for
Yxy(29.3287, 0.3988, 0.2986)
contains.

Yxy(29.4730, 0.3994, 0.2996)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.4730, 0.3994, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	D6778F
RGB	214, 119, 143
RGB Percent	84%, 47%, 56%
CMY	0.1607, 0.5334, 0.4392
CMYK	0.00, 0.44, 0.33, 0.16
HSL	345°, 54%, 65%
HSV	345°, 44%, 84%
XYZ	39.2908, 29.4730, 29.6107
YIQ	150.1410, 48.9160, 27.6040

Conversions

Conversions Part 2

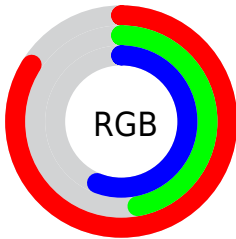
Format	Color
R _Y B	214, 119, 143
Decimal	14055311
CIE Lab	61.20, 39.72, 3.52
CIE LCh	61, 39.878, 5.066
Yxy	29.4730, 0.3994, 0.2996
Android (android.graphics.Color)	4292245391 (0xFFD6778F)
YUV	150.1410, -3.5205, 56.0043
Hunter-Lab	54.2890, 34.1805, 5.6639

Details

The Yxy color **29.4730, 0.3994, 0.2996** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.7404, 0.2659, 0.3619**, and the grayscale version is **30.5626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1784, 0.3652, 0.3041**, and **11.9727, 0.4302, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **24.4908, 0.4309, 0.2940**, and if you desaturate by 10%, it is **35.6740, 0.3728, 0.3062**.

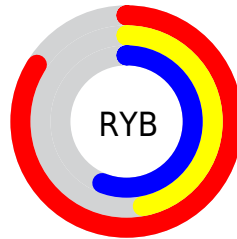
Distribution



Red (84%)

Green (47%)

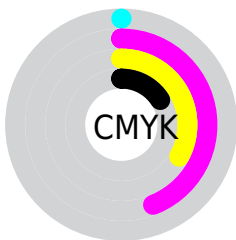
Blue (56%)



Red (84%)

Yellow (47%)

Blue (56%)

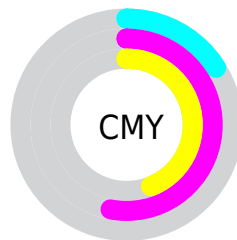


Cyan (0%)

Magenta (44%)

Yellow (33%)

Black (16%)



Cyan (16%)


Magenta (53%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4730, 0.3994, 0.2996 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 Yxy color 29.4730, 0.3994, 0.2996 by changing the saturation by 10% instead.

 29.4730, 0.3994,
0.2996


 29.4730, 0.3994,
0.2996


299.4402, 0.3527,
0.3159


 19.4389, 0.4123,
0.2950


 58.8278, 0.3816,
0.3059

 11.9879, 0.4295,
0.2887


 78.9172, 0.3751,
0.3082

 6.7354, 0.4538,
0.2796


 103.1273, 0.3698,
0.3100

 3.2972, 0.4903,
0.2656

131.8423, 0.3653,
0.3116

 1.2888, 0.5506,
0.2414

165.4467, 0.3614,
0.3129

 0.1325, 0.8944,
0.1056

204.3249, 0.3581,

 0.0000, 1.0000,

0.3140

0.0000

248.8613, 0.3552,
0.3150

0.0000, 0.0000,
0.0000

29.4730, 0.3994,
0.2996

29.4730, 0.3994,
0.2996

24.4908, 0.4309,
0.2940

35.6740, 0.3728,
0.3062

20.6422, 0.4668,
0.2902

43.1629, 0.3508,
0.3131

17.8380, 0.5056,
0.2894


52.0088, 0.3328,
0.3199

15.9732, 0.5440,
0.2925

62.2744, 0.3182,
0.3263

14.9208, 0.5781,
0.2998

74.0186, 0.3064,
0.3323

 14.5659, 0.5944,
0.3048

 87.2971, 0.2968,
0.3378

 93.0357, 0.2883,
0.3290

 93.0386, 0.2883,
0.3289

Harmonies

Analogous

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



29.4730, 0.3363, 0.2597



29.4730, 0.3994, 0.2996



29.4730, 0.4375, 0.3477

Triad

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



29.4730, 0.3994, 0.2996



29.4730, 0.3433, 0.4473



29.4730, 0.2007, 0.2467

Complementary

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



29.4730, 0.3994, 0.2996



55.7404, 0.2659, 0.3619

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.



29.4730, 0.2021, 0.2898



29.4730, 0.3994, 0.2996



29.4730, 0.2805, 0.4168

Square

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



29.4730, 0.3994, 0.2996



29.4730, 0.4009, 0.4354



29.4730, 0.2296, 0.3538



29.4730, 0.2248, 0.2291

Rectangle

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



29.4730, 0.3994, 0.2996



29.4730, 0.4415, 0.3806



29.4730, 0.2296, 0.3538



29.4730, 0.1983, 0.2582

Sweetspot

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



29.4745, 0.3994, 0.2996



79.1490, 0.3308, 0.3207



28.8256, 0.2924, 0.2126



16.2624, 0.3344, 0.3192



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



29.4745, 0.3994, 0.2996



36.9905, 0.4280, 0.2944



34.7290, 0.4172, 0.3567



12.4718, 0.3252, 0.3231



8.8169, 0.5908, 0.3028



0.5453, 0.5408, 0.2753

Inverse Universe

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



29.4745, 0.3994, 0.2996



36.9905, 0.4280, 0.2944



46.4084, 0.2479, 0.2984



12.4718, 0.3252, 0.3231



8.8169, 0.5908, 0.3028



0.5453, 0.5408, 0.2753

Previews

White Background



This preview shows how the Yxy color 29.4730, 0.3994, 0.2996 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 Yxy color 29.4730, 0.3994, 0.2996 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](#).

Yxy 29.4730, 0.3994, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 29.4730, 0.3994, 0.2996.



This preview shows how white text looks on a background with the Yxy color 29.4730, 0.3994, 0.2996.

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

29.4730, 0.3994, 0.2996

Protanopia

29.6665, 0.3024, 0.3104

Deuteranopia

29.6160, 0.3418, 0.3351



Tritanopia

29.4326, 0.4140, 0.3181

Trichromacy



Original Color

29.4730, 0.3994, 0.2996

Protanomaly

28.9619, 0.3347, 0.3057

Deuteranomaly

29.0109, 0.3624, 0.3206

Tritanomaly

29.3283, 0.4081, 0.3106

Monochromacy



Original Color

29.4730, 0.3994, 0.2996

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4561, 0.3419, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4730, 0.3994, 0.2996 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, 119, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 119, 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(214, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 119, 143) }
```

Border

The CSS property to change the border of an element to Yxy 29.4730, 0.3994, 0.2996 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, 119, 143) }
```

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

```
.border{ border-color:rgb(214, 119, 143) }
```

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

Here you see how a box with a 4 pixel rgb(214, 119, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 119,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4730, 0.3994, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 119, 143) }
```

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

```
.background{ background-color: rgb(214,  
119, 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](#).

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