

Converting Colors

$Y_{xy}(27.5831, 0.4171, 0.2919)$

Have a look what the booklet for
Yxy(27.5831, 0.4171, 0.2919)
contains.

Yxy(27.5951, 0.4164, 0.2914)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(27.5951, 0.4164, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	DC6B8B
RGB	220, 107, 139
RGB Percent	86%, 42%, 55%
CMY	0.1373, 0.5804, 0.4549
CMYK	0.00, 0.51, 0.37, 0.14
HSL	343°, 62%, 64%
HSV	343°, 51%, 86%
XYZ	39.4324, 27.5951, 27.6709
YIQ	144.4350, 57.0760, 33.9080

Conversions

Conversions Part 2

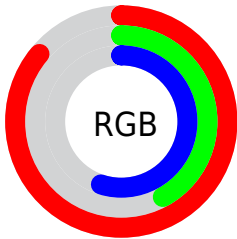
Format	Color
R _Y B	220, 107, 139
Decimal	14445451
CIE Lab	59.52, 47.39, 3.53
CIE LCh	60, 47.522, 4.255
Yxy	27.5951, 0.4164, 0.2914
Android (android.graphics.Color)	4292635531 (0xFFDC6B8B)
YUV	144.4350, -2.6795, 66.2705
Hunter-Lab	52.5310, 42.0616, 5.5406

Details

The Yxy color **27.5951, 0.4164, 0.2914** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.9438, 0.2623, 0.3731**, and the grayscale version is **28.0693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5555, 0.3728, 0.2968**, and **11.0410, 0.4540, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **23.1494, 0.4495, 0.2863**, and if you desaturate by 10%, it is **33.2769, 0.3877, 0.2982**.

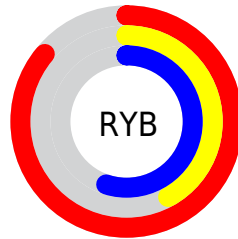
Distribution



Red (86%)

Green (42%)

Blue (55%)



Red (86%)

Yellow (42%)

Blue (55%)

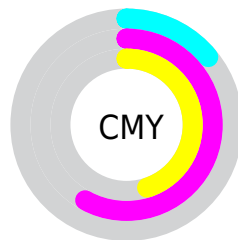


Cyan (0%)

Magenta (51%)

Yellow (37%)

Black (14%)



Cyan (14%)


Magenta (58%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5951, 0.4164, 0.2914 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 27.5951, 0.4164, 0.2914 by changing the saturation by 10% instead.


 27.5951, 0.4164,
0.2914


 27.5951, 0.4164,
0.2914


290.5271, 0.3600,
0.3123


 18.0207, 0.4320,
0.2854


 55.8373, 0.3948,
0.2996

 10.9648, 0.4531,
0.2772


 75.2739, 0.3870,
0.3024

 6.0432, 0.4828,
0.2654

 98.7667, 0.3806,
0.3048

 2.8714, 0.5276,
0.2472

 126.7001, 0.3752,
0.3068

 1.0649, 0.6013,
0.2160

159.4584, 0.3705,
0.3085

 0.0000, 1.0000,
0.0000

197.4261, 0.3666,

 0.0000, 0.0000,

0.3100

0.0000

240.9875, 0.3631,
0.3112

■ 27.5951, 0.4164,
0.2914

■ 27.5951, 0.4164,
0.2914

■ 23.1494, 0.4495,
0.2863

■ 33.2769, 0.3877,
0.2982

■ 19.8425, 0.4861,
0.2839

■ 40.2740, 0.3636,
0.3058

■ 17.5690, 0.5237,
0.2855

■ 48.6641, 0.3437,
0.3135

■ 16.2020, 0.5588,
0.2916

■ 58.5175, 0.3275,
0.3210

■ 15.5663, 0.5849,
0.2996

■ 69.8997, 0.3143,
0.3281

■ 82.8723, 0.3036,
0.3346

■ 93.6000, 0.2947,
0.3346

■ 93.9555, 0.2917,
0.3289

Harmonies

Analogous

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



27.5951, 0.3383, 0.2457



27.5951, 0.4164, 0.2914



27.5951, 0.4639, 0.3468

Triad

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



27.5951, 0.4164, 0.2914



27.5951, 0.3490, 0.4749



27.5951, 0.1801, 0.2307

Complementary

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



27.5951, 0.4164, 0.2914



57.9438, 0.2623, 0.3731

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.



27.5951, 0.1819, 0.2814



27.5951, 0.4164, 0.2914



27.5951, 0.2741, 0.4403

Square

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



27.5951, 0.4164, 0.2914



27.5951, 0.4181, 0.4545



27.5951, 0.2138, 0.3607



27.5951, 0.2069, 0.2108

Rectangle

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



27.5951, 0.4164, 0.2914



27.5951, 0.4683, 0.3854



27.5951, 0.2138, 0.3607



27.5951, 0.1775, 0.2440

Sweetspot

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



27.5965, 0.4164, 0.2914



76.3349, 0.3332, 0.3182



26.3739, 0.2860, 0.1939



15.7110, 0.3367, 0.3166



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.



27.5965, 0.4164, 0.2914



31.7335, 0.4536, 0.2858



32.6417, 0.4430, 0.3584



13.1118, 0.3247, 0.3224



9.1524, 0.5810, 0.2974



0.6076, 0.5341, 0.2716

Inverse Universe

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



27.5965, 0.4164, 0.2914



31.7335, 0.4536, 0.2858



47.5563, 0.2398, 0.2953



13.1118, 0.3247, 0.3224



9.1524, 0.5810, 0.2974



0.6076, 0.5341, 0.2716

Previews

White Background



This preview shows how the Yxy color 27.5951, 0.4164, 0.2914 looks on a white background.

Color Contrast Check

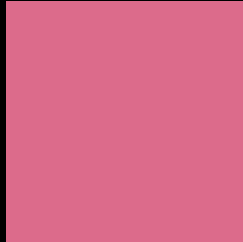
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5951, 0.4164, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

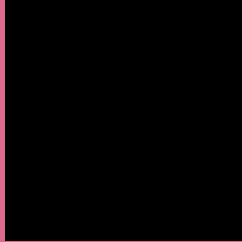
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5951, 0.4164, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 27.5951, 0.4164, 0.2914.



This preview shows how white text looks on a background with the Yxy color 27.5951, 0.4164, 0.2914.

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

27.5951, 0.4164, 0.2914

Protanopia

27.9338, 0.2955, 0.3021

Deuteranopia

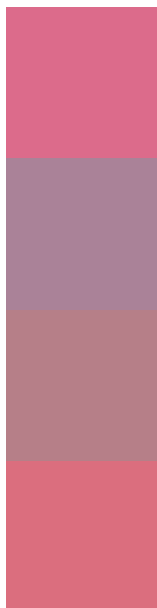
27.7635, 0.3425, 0.3368



Tritanopia

27.6062, 0.4394, 0.3198

Trichromacy



Original Color

27.5951, 0.4164, 0.2914

Protanomaly

26.7783, 0.3348, 0.2966

Deuteranomaly

26.9014, 0.3683, 0.3163

Tritanomaly

27.7183, 0.4316, 0.3103

Monochromacy



Original Color

27.5951, 0.4164, 0.2914

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9562, 0.3482, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5951, 0.4164, 0.2914 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(220, 107, 139)` looks like.

```
.text, #text, p{  
    color:rgb(220, 107, 139)  
}
```

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(220, 107, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 107, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.5951, 0.4164, 0.2914 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(220, 107, 139) }
```

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

```
.border{ border-color:rgb(220, 107, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 107, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 107, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 107, 139);  
box-shadow:4px 4px 4px 4px rgb(220, 107,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5951, 0.4164, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 107, 139) }
```

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

```
.background{ background-color: rgb(220,  
107, 139) }
```

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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