

Converting Colors

$Y_{xy}(27.3711, 0.3523, 0.2223)$

Have a look what the booklet for
Yxy(27.3711, 0.3523, 0.2223)
contains.

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Color

Yxy(27.3182, 0.3524, 0.2223)

Conversions

Conversions Part 1

Format	Color
Hex	DD5FBF
RGB	221, 95, 191
RGB Percent	87%, 37%, 75%
CMY	0.1334, 0.6273, 0.2511
CMYK	0.00, 0.57, 0.14, 0.13
HSL	314°, 65%, 62%
HSV	314°, 57%, 87%
XYZ	43.3060, 27.3182, 52.2646
YIQ	143.6180, 44.2800, 56.5680

Conversions

Conversions Part 2

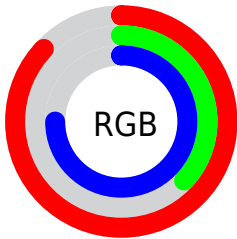
Format	Color
R _Y B	221, 95, 191
Decimal	14507967
CIE Lab	59.27, 60.32, -26.82
CIE LCh	59, 66.011, 336.024
Yxy	27.3182, 0.3524, 0.2223
Android (android.graphics.Color)	4292698047 (0xFFDD5FBF)
YUV	143.6180, 23.3593, 67.8640
Hunter-Lab	52.2668, 56.4305, -22.7008

Details

The Yxy color **27.3182, 0.3524, 0.2223** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **55.6147, 0.2899, 0.4704**, and the grayscale version is **27.6239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1705, 0.3232, 0.2342**, and **10.7947, 0.3630, 0.1938** is the 20% darker color. If you saturate the color by 10%, you get **23.6579, 0.3618, 0.2087**, and if you desaturate by 10%, it is **32.1183, 0.3435, 0.2389**.

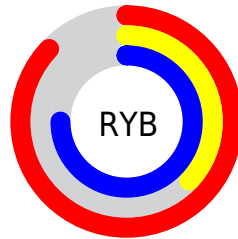
Distribution



Red (87%)

Green (37%)

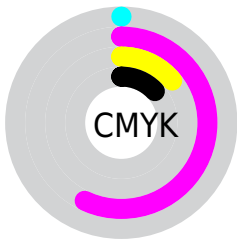
Blue (75%)



Red (87%)

Yellow (37%)

Blue (75%)

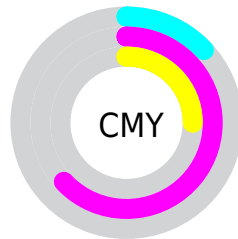


Cyan (0%)

Magenta (57%)

Yellow (14%)

Black (13%)



Cyan (13%)


Magenta (63%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3182, 0.3524, 0.2223 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 27.3182, 0.3524, 0.2223 by changing the saturation by 10% instead.


 27.3182, 0.3524,
0.2223


 27.3182, 0.3524,
0.2223


289.1945, 0.3333,
0.2748


 17.8123, 0.3569,
0.2096


 55.3941, 0.3457,
0.2411

 10.8153, 0.3624,
0.1937


 74.7328, 0.3431,
0.2482

 5.9428, 0.3693,
0.1732


 98.1181, 0.3409,
0.2543

 2.8103, 0.3782,
0.1460

 125.9341, 0.3389,
0.2595

 1.0335, 0.3893,
0.1092

158.5654, 0.3373,
0.2641

 0.0000, 0.4275,
0.0000

196.3963, 0.3358,

 0.0000, 0.3710,

0.2681

0.0000

239.8112, 0.3345,
0.2716

0.0000, 0.0000,
0.0000

27.3182, 0.3524,
0.2223

27.3182, 0.3524,
0.2223

23.6579, 0.3618,
0.2087

32.1183, 0.3435,
0.2389

21.0353, 0.3715,
0.1990

38.1412, 0.3354,
0.2575

19.3364, 0.3811,
0.1939

45.4665, 0.3281,
0.2770

18.4113, 0.3903,
0.1935

54.1662, 0.3217,
0.2967

18.2074, 0.3931,
0.1939

64.3068, 0.3161,
0.3160

■ 75.9505, 0.3114,
0.3344

■ 89.1559, 0.3074,
0.3518

■ 92.7758, 0.3043,
0.3516

■ 93.0813, 0.3013,
0.3460

Harmonies

Analogous

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



27.3182, 0.2473, 0.1853



27.3182, 0.3524, 0.2223



27.3182, 0.4620, 0.2797

Triad

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



27.3182, 0.3524, 0.2223



27.3182, 0.4405, 0.4945



27.3182, 0.1406, 0.2537

Complementary

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



27.3182, 0.3524, 0.2223



55.6147, 0.2899, 0.4704

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.



27.3182, 0.1751, 0.3630



27.3182, 0.3524, 0.2223



27.3182, 0.3467, 0.5346

Square

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



27.3182, 0.3524, 0.2223



27.3182, 0.5083, 0.4214



27.3182, 0.2494, 0.4863



27.3182, 0.1423, 0.1940

Rectangle

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



27.3182, 0.3524, 0.2223



27.3182, 0.5101, 0.3243



27.3182, 0.2494, 0.4863



27.3182, 0.1477, 0.2848

Sweetspot

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



27.3195, 0.3524, 0.2223



74.7448, 0.3217, 0.2964



17.7270, 0.2244, 0.1559



15.4442, 0.3230, 0.2925



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.



27.3195, 0.3524, 0.2223



32.0738, 0.3633, 0.2069



25.1340, 0.4376, 0.2907



13.2190, 0.3174, 0.3114



10.5984, 0.3917, 0.1932



0.6997, 0.3778, 0.1855

Inverse Universe

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



27.3195, 0.3524, 0.2223



32.0738, 0.3633, 0.2069



57.7377, 0.2577, 0.3759



13.2190, 0.3174, 0.3114



10.5984, 0.3917, 0.1932



0.6997, 0.3778, 0.1855

Previews

White Background



This preview shows how the Yxy color 27.3182, 0.3524, 0.2223 looks on a white background.

Color Contrast Check

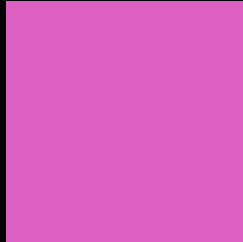
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3182, 0.3524, 0.2223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

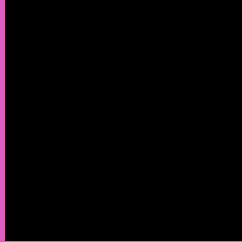
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3182, 0.3524, 0.2223

Background



This preview shows how black text looks on a background with the Yxy color 27.3182, 0.3524, 0.2223.

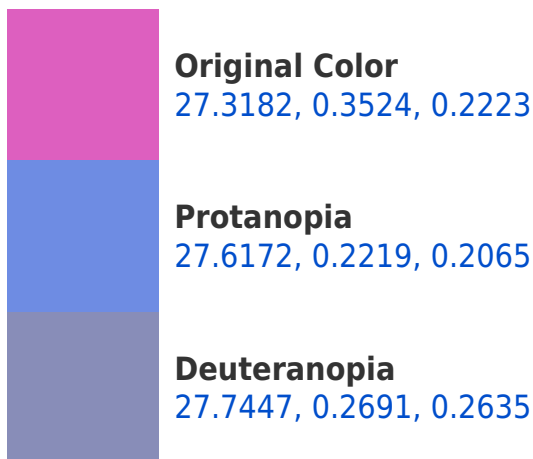


This preview shows how white text looks on a background with the Yxy color 27.3182, 0.3524, 0.2223.

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





Tritanopia

27.2405, 0.4331, 0.3196

Trichromacy



Original Color

27.3182, 0.3524, 0.2223



Protanomaly

25.7544, 0.2562, 0.2067



Deuteranomaly

26.2186, 0.2954, 0.2412



Tritanomaly

27.1351, 0.4038, 0.2813

Monochromacy



Original Color

27.3182, 0.3524, 0.2223



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.2656, 0.3276, 0.2784

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3182, 0.3524, 0.2223 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(221, 95, 191)` looks like.

```
.text, #text, p{  
    color:rgb(221, 95, 191)  
}
```

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(221, 95, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 95, 191) }
```

Border

The CSS property to change the border of an element to Yxy 27.3182, 0.3524, 0.2223 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(221, 95, 191) }
```

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

```
.border{ border-color:rgb(221, 95, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 95, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 95, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 95, 191);  
box-shadow:4px 4px 4px 4px rgb(221, 95,  
191) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 27.3182, 0.3524, 0.2223$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 95, 191) }
```

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

```
.background{ background-color: rgb(221, 95,  
191) }
```

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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