

Converting Colors

$Y_{xy}(26.4388, 0.3321, 0.2044)$

Have a look what the booklet for
Yxy(26.4388, 0.3321, 0.2044)
contains.

Yxy(26.4407, 0.3321, 0.2044)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4407, 0.3321, 0.2044)

Conversions

Conversions Part 1

Format	Color
Hex	D85BCC
RGB	216, 91, 204
RGB Percent	85%, 36%, 80%
CMY	0.1529, 0.6431, 0.2001
CMYK	0.00, 0.58, 0.06, 0.15
HSL	306°, 62%, 60%
HSV	306°, 58%, 85%
XYZ	42.9597, 26.4407, 59.9573
YIQ	141.2570, 38.2270, 61.6430

Conversions

Conversions Part 2

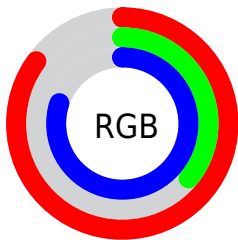
Format	Color
R _{YB}	216, 91, 204
Decimal	14179276
CIE _{Lab}	58.45, 62.80, -35.56
CIE _{LCh}	58, 72.169, 330.478
Y _{xy}	26.4407, 0.3321, 0.2044
Android (android.graphics.Color)	4292369356 (0xFFD85BCC)
YUV	141.2570, 30.9323, 65.5496
Hunter-Lab	51.4205, 59.1433, -33.1389

Details

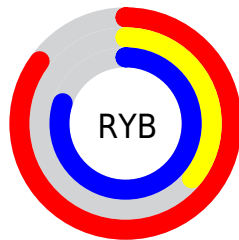
The Yxy color **26.4407, 0.3321, 0.2044** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **52.3209, 0.2985, 0.4986**, and the grayscale version is **26.6078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3474, 0.3176, 0.2248**, and **10.3178, 0.3347, 0.1730** is the 20% darker color. If you saturate the color by 10%, you get **23.1661, 0.3359, 0.1892**, and if you desaturate by 10%, it is **30.7816, 0.3283, 0.2229**.

Distribution



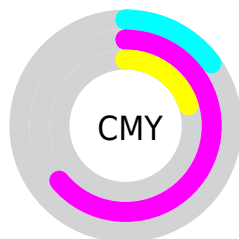
- Red (85%)
- Green (36%)
- Blue (80%)



- Red (85%)
- Yellow (36%)
- Blue (80%)



- Cyan (0%)
- Magenta (58%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4407, 0.3321, 0.2044 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 26.4407, 0.3321, 0.2044 by changing the saturation by 10% instead.


 26.4407, 0.3321,
0.2044


 26.4407, 0.3321,
0.2044


284.9388, 0.3245,
0.2647


 17.1536, 0.3333,
0.1903


 53.9851, 0.3299,
0.2257


 10.3441, 0.3343,
0.1727


 73.0111, 0.3289,
0.2339

 5.6277, 0.3350,
0.1506


 96.0523, 0.3280,
0.2409

 2.6200, 0.3344,
0.1221

 123.4930, 0.3271,
0.2469

 0.9367, 0.3306,
0.0856

155.7176, 0.3264,
0.2522

 0.0000, 0.3308,
0.0000

193.1105, 0.3257,


 0.0000, 0.2242,

0.2569


0.0000


236.0561, 0.3251,
0.2610

 0.0000, 0.0000,
0.0000

 26.4407, 0.3321,
0.2044


 26.4407, 0.3321,
0.2044


 23.1661, 0.3359,
0.1892


 30.7816, 0.3283,
0.2229

 20.8603, 0.3397,
0.1781


 36.2681, 0.3245,
0.2438

 19.4139, 0.3431,
0.1714

 42.9760, 0.3210,
0.2661

 18.6711, 0.3463,
0.1688

 50.9738, 0.3177,
0.2890

 18.5512, 0.3470,
0.1685

 60.3247, 0.3148,
0.3117

■ 71.0878, 0.3122,
0.3336

■ 83.3189, 0.3099,
0.3544

■ 91.3200, 0.3082,
0.3651

■ 91.4312, 0.3070,
0.3629

Harmonies

Analogous

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



26.4407, 0.2236, 0.1702



26.4407, 0.3321, 0.2044



26.4407, 0.4572, 0.2618

Triad

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



26.4407, 0.3321, 0.2044



26.4407, 0.4641, 0.4910



26.4407, 0.1307, 0.2625

Complementary

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



26.4407, 0.3321, 0.2044



52.3209, 0.2985, 0.4986

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.



26.4407, 0.1738, 0.3926



26.4407, 0.3321, 0.2044



26.4407, 0.3651, 0.5525

Square

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



26.4407, 0.3321, 0.2044



26.4407, 0.5322, 0.4085



26.4407, 0.2595, 0.5247



26.4407, 0.1269, 0.1900

Rectangle

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



26.4407, 0.3321, 0.2044



26.4407, 0.5188, 0.3076



26.4407, 0.2595, 0.5247



26.4407, 0.1402, 0.3000

Sweetspot

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



26.4419, 0.3321, 0.2044



75.1265, 0.3175, 0.2906



15.2318, 0.2081, 0.1471



15.5351, 0.3182, 0.2860



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.



26.4419, 0.3321, 0.2044



33.0367, 0.3366, 0.1870



24.0688, 0.4123, 0.2680



12.6112, 0.3152, 0.3082



10.9881, 0.3465, 0.1683



0.6689, 0.3416, 0.1655

Inverse Universe

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



26.4419, 0.3321, 0.2044



33.0367, 0.3366, 0.1870



54.0187, 0.2670, 0.4055



12.6112, 0.3152, 0.3082



10.9881, 0.3465, 0.1683



0.6689, 0.3416, 0.1655

Previews

White Background



This preview shows how the Yxy color 26.4407, 0.3321, 0.2044 looks on a white background.

Color Contrast Check

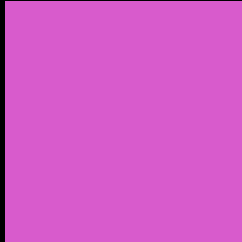
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4407, 0.3321, 0.2044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

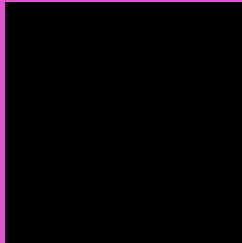
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4407, 0.3321, 0.2044

Background



This preview shows how black text looks on a background with the Yxy color 26.4407, 0.3321, 0.2044.



This preview shows how white text looks on a background with the Yxy color 26.4407, 0.3321, 0.2044.

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

26.4407, 0.3321, 0.2044

Protanopia

27.0883, 0.2052, 0.1851

Deuteranopia

26.6617, 0.2489, 0.2425



Tritanopia

26.4561, 0.4233, 0.3192

Trichromacy



Original Color

26.4407, 0.3321, 0.2044



Protanomaly

24.7352, 0.2358, 0.1854



Deuteranomaly

25.2107, 0.2743, 0.2218



Tritanomaly

26.0392, 0.3893, 0.2724

Monochromacy



Original Color

26.4407, 0.3321, 0.2044



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.1711, 0.3201, 0.2692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4407, 0.3321, 0.2044 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(216, 91, 204)` looks like.

```
.text, #text, p{  
    color:rgb(216, 91, 204)  
}
```

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(216, 91, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 91, 204) }
```

Border

The CSS property to change the border of an element to Yxy 26.4407, 0.3321, 0.2044 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(216, 91, 204) }
```

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

```
.border{ border-color:rgb(216, 91, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 91, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 91, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 91, 204);  
box-shadow:4px 4px 4px 4px rgb(216, 91,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4407, 0.3321, 0.2044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 91, 204) }
```

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

```
.background{ background-color: rgb(216, 91,  
204) }
```

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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