

Converting Colors

$Y_{xy}(21.6094, 0.4562, 0.2797)$

Have a look what the booklet for
Yxy(21.6094, 0.4562, 0.2797)
contains.

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Color

Yxy(21.6094, 0.4562, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	DB4C79
RGB	219, 76, 121
RGB Percent	86%, 30%, 47%
CMY	0.1412, 0.7019, 0.5255
CMYK	0.00, 0.65, 0.45, 0.14
HSL	341°, 66%, 58%
HSV	341°, 65%, 86%
XYZ	35.2456, 21.6094, 20.4042
YIQ	123.8870, 70.7830, 44.3110

Conversions

Conversions Part 2

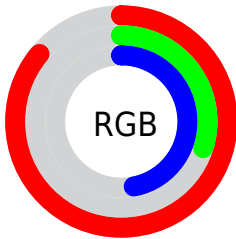
Format	Color
R_{YB}	219, 76, 121
Decimal	14371961
CIE _{Lab}	53.61, 59.18, 5.57
CIE _{LCh}	54, 59.437, 5.375
Yxy	21.6094, 0.4562, 0.2797
Android (android.graphics.Color)	4292562041 (0xFFDB4C79)
YUV	123.8870, -1.4233, 83.4141
Hunter-Lab	46.4859, 53.9885, 6.5159

Details

The Yxy color **21.6094, 0.4562, 0.2797** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **55.2482, 0.2568, 0.3946**, and the grayscale version is **20.1069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7797, 0.4010, 0.2867**, and **7.8520, 0.5107, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **18.7483, 0.4917, 0.2782**, and if you desaturate by 10%, it is **25.5567, 0.4233, 0.2846**.

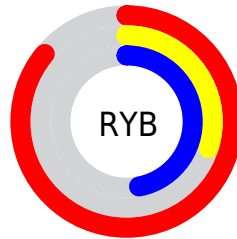
Distribution



Red (86%)

Green (30%)

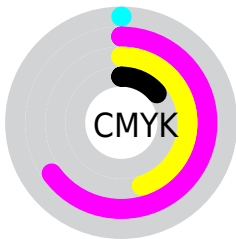
Blue (47%)



Red (86%)

Yellow (30%)

Blue (47%)

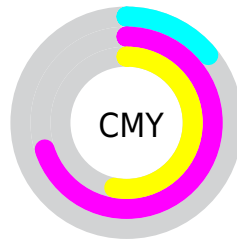


Cyan (0%)

Magenta (65%)

Yellow (45%)

Black (14%)



Cyan (14%)


Magenta (70%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6094, 0.4562, 0.2797 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 21.6094, 0.4562, 0.2797 by changing the saturation by 10% instead.


 21.6094, 0.4562,
0.2797


 21.6094, 0.4562,
0.2797


260.4996, 0.3756,
0.3085


 13.5702, 0.4795,
0.2709


 46.0996, 0.4246,
0.2913


 7.8223, 0.5114,
0.2585


 63.3193, 0.4134,
0.2953

 3.9815, 0.5573,
0.2401

 84.3680, 0.4043,
0.2985

 1.6632, 0.6274,
0.2105

 109.6300, 0.3966,
0.3012

 0.3997, 0.8351,
0.1479

 139.4898, 0.3902,
0.3035

 0.0000, 1.0000,
0.0000

174.3318, 0.3846,

 0.0000, 0.0000,

0.3054

0.0000

214.5402, 0.3798,
0.3071

■ 21.6094, 0.4562,
0.2797

■ 21.6094, 0.4562,
0.2797

■ 18.7483, 0.4917,
0.2782

■ 25.5567, 0.4233,
0.2846

■ 16.8581, 0.5273,
0.2812

■ 30.6829, 0.3944,
0.2917


■ 15.8033, 0.5599,
0.2889

■ 37.0749, 0.3698,
0.2999


■ 15.4859, 0.5738,
0.2934


■ 44.8102, 0.3494,
0.3084

■ 53.9601, 0.3326,
0.3169

 64.5910, 0.3189,
0.3250

 76.7648, 0.3077,
0.3325

 90.5401, 0.2986,
0.3394

 93.7975, 0.2911,
0.3289

Harmonies

Analogous

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



21.6094, 0.3492, 0.2235



21.6094, 0.4562, 0.2797



21.6094, 0.5163, 0.3467

Triad

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



21.6094, 0.4562, 0.2797



21.6094, 0.3489, 0.5290



21.6094, 0.1452, 0.1978

Complementary

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



21.6094, 0.4562, 0.2797



55.2482, 0.2568, 0.3946

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.



21.6094, 0.1444, 0.2577



21.6094, 0.4562, 0.2797



21.6094, 0.2533, 0.4835

Square

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



21.6094, 0.4562, 0.2797



21.6094, 0.4404, 0.4901



21.6094, 0.1795, 0.3651



21.6094, 0.1784, 0.1777

Rectangle

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



21.6094, 0.4562, 0.2797



21.6094, 0.5163, 0.3944



21.6094, 0.1795, 0.3651



21.6094, 0.1413, 0.2127

Sweetspot

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



21.6106, 0.4562, 0.2797



69.6155, 0.3404, 0.3128



19.2519, 0.2707, 0.1591



14.1331, 0.3453, 0.3104



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.



21.6106, 0.4562, 0.2797



25.4223, 0.5039, 0.2787



25.1286, 0.5023, 0.3577



13.1187, 0.3242, 0.3217



9.2015, 0.5699, 0.2913



0.6114, 0.5233, 0.2656

Inverse Universe

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



21.6106, 0.4562, 0.2797



25.4223, 0.5039, 0.2787



44.6915, 0.2270, 0.2916



13.1187, 0.3242, 0.3217



9.2015, 0.5699, 0.2913



0.6114, 0.5233, 0.2656

Previews

White Background



This preview shows how the Yxy color 21.6094, 0.4562, 0.2797 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 21.6094, 0.4562, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

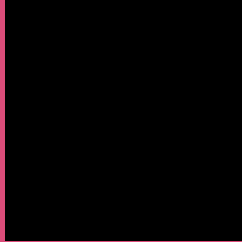
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6094, 0.4562, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 21.6094, 0.4562, 0.2797.



This preview shows how white text looks on a background with the Yxy color 21.6094, 0.4562, 0.2797.

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

21.6094, 0.4562, 0.2797

Protanopia

21.9578, 0.2846, 0.2891

Deuteranopia

21.7412, 0.3519, 0.3462



Tritanopia

21.6428, 0.5014, 0.3242

Trichromacy



Original Color

21.6094, 0.4562, 0.2797

Protanomaly

20.2017, 0.3397, 0.2801

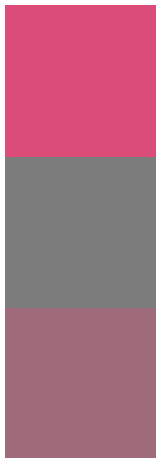
Deuteranomaly

20.6840, 0.3903, 0.3141

Tritanomaly

21.5628, 0.4864, 0.3077

Monochromacy



Original Color

21.6094, 0.4562, 0.2797

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.3164, 0.3631, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6094, 0.4562, 0.2797 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(219, 76, 121)` looks like.

```
.text, #text, p{  
  color:rgb(219, 76, 121)  
}
```

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(219, 76, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 76, 121) }
```

Border

The CSS property to change the border of an element to Yxy 21.6094, 0.4562, 0.2797 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(219, 76, 121) }
```

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

```
.border{ border-color:rgb(219, 76, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 76, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 76, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 76, 121);  
box-shadow:4px 4px 4px 4px rgb(219, 76,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6094, 0.4562, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 76, 121) }
```

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

```
.background{ background-color: rgb(219, 76,  
121) }
```

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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