

Converting Colors

$Y_{xy}(21.5995, 0.4037, 0.2531)$

Have a look what the booklet for
Yxy(21.5995, 0.4037, 0.2531)
contains.

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Color

Yxy(21.6342, 0.4040, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	D15291
RGB	209, 82, 145
RGB Percent	82%, 32%, 57%
CMY	0.1804, 0.6784, 0.4314
CMYK	0.00, 0.61, 0.31, 0.18
HSL	330°, 58%, 57%
HSV	330°, 61%, 82%
XYZ	34.4239, 21.6342, 29.1495
YIQ	127.1550, 55.4690, 46.5170

Conversions

Conversions Part 2

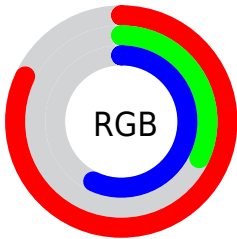
Format	Color
R _{YB}	209, 82, 145
Decimal	13718161
CIE Lab	53.64, 56.25, -8.84
CIE LCh	54, 56.937, 351.071
Yxy	21.6342, 0.4040, 0.2539
Android (android.graphics.Color)	4291908241 (0xFFD15291)
YUV	127.1550, 8.7976, 71.7781
Hunter-Lab	46.5126, 50.7104, -4.5983

Details

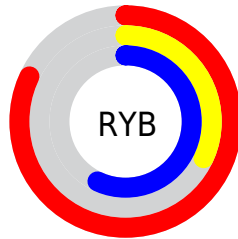
The Yxy color **21.6342, 0.4040, 0.2539** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **49.4734, 0.2712, 0.4264**, and the grayscale version is **21.2348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2748, 0.3712, 0.2655**, and **7.8713, 0.4367, 0.2283** is the 20% darker color. If you saturate the color by 10%, you get **18.6387, 0.4275, 0.2467**, and if you desaturate by 10%, it is **25.6217, 0.3826, 0.2643**.

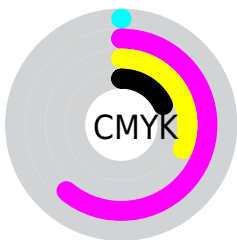
Distribution



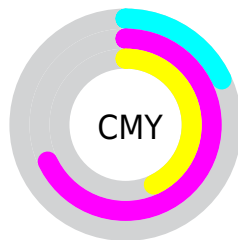
- Red (82%)
- Green (32%)
- Blue (57%)



- Red (82%)
- Yellow (32%)
- Blue (57%)



- Cyan (0%)
- Magenta (61%)
- Yellow (31%)
- Black (18%)





- Cyan (18%)
- Magenta (68%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6342, 0.4040, 0.2539 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 21.6342, 0.4040, 0.2539 by changing the saturation by 10% instead.


 21.6342, 0.4040,
0.2539


 21.6342, 0.4040,
0.2539


260.6300, 0.3538,
0.2941


 13.5884, 0.4182,
0.2430


 46.1407, 0.3846,
0.2691

 7.8349, 0.4374,
0.2285


 63.3701, 0.3777,
0.2747


 3.9895, 0.4650,
0.2083

 84.4295, 0.3720,
0.2793

 1.6677, 0.5074,
0.1787

 109.7032, 0.3672,
0.2832

 0.4026, 0.5926,
0.1122

 139.5758, 0.3631,
0.2865

 0.0000, 1.0000,
0.0000

174.4315, 0.3596,

 0.0000, 0.0000,

0.2894

0.0000

214.6548, 0.3565,
0.2919

■ 21.6342, 0.4040,
0.2539

■ 21.6342, 0.4040,
0.2539

■ 18.6387, 0.4275,
0.2467

■ 25.6217, 0.3826,
0.2643

■ 16.5409, 0.4523,
0.2438

■ 30.6776, 0.3638,
0.2765

■ 15.2335, 0.4772,
0.2461

■ 36.8747, 0.3477,
0.2896

■ 14.5491, 0.4994,
0.2525

■ 44.2783, 0.3341,
0.3029

■ 52.9487, 0.3228,
0.3158

■ 62.9422, 0.3134,
0.3281

■ 74.3116, 0.3056,
0.3396

■ 87.1070, 0.2992,
0.3502

■ 91.3555, 0.2935,
0.3448

Harmonies

Analogous

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



21.6342, 0.2982, 0.2076



21.6342, 0.4040, 0.2539



21.6342, 0.4887, 0.3153

Triad

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



21.6342, 0.4040, 0.2539



21.6342, 0.3928, 0.5108



21.6342, 0.1462, 0.2251

Complementary

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



21.6342, 0.4040, 0.2539



49.4734, 0.2712, 0.4264

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.



21.6342, 0.1617, 0.3053



21.6342, 0.4040, 0.2539



21.6342, 0.2995, 0.5088

Square

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



21.6342, 0.4040, 0.2539



21.6342, 0.4712, 0.4545



21.6342, 0.2147, 0.4209



21.6342, 0.1634, 0.1881

Rectangle

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



21.6342, 0.4040, 0.2539



21.6342, 0.5115, 0.3604



21.6342, 0.2147, 0.4209



21.6342, 0.1475, 0.2466

Sweetspot

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



21.6353, 0.4040, 0.2539



72.7287, 0.3310, 0.3063



16.7041, 0.2500, 0.1588



14.7602, 0.3346, 0.3024



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.



21.6353, 0.4040, 0.2539



28.0776, 0.4351, 0.2453



20.2002, 0.5031, 0.3296



11.9046, 0.3214, 0.3175



8.9898, 0.4961, 0.2507



0.5187, 0.4555, 0.2283

Inverse Universe

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



21.6353, 0.4040, 0.2539



28.0776, 0.4351, 0.2453



52.0016, 0.2389, 0.3288



11.9046, 0.3214, 0.3175



8.9898, 0.4961, 0.2507



0.5187, 0.4555, 0.2283

Previews

White Background



This preview shows how the Yxy color 21.6342, 0.4040, 0.2539 looks on a white background.

Color Contrast Check

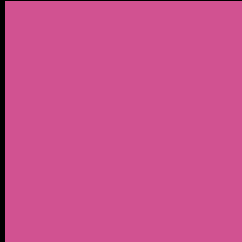
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6342, 0.4040, 0.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

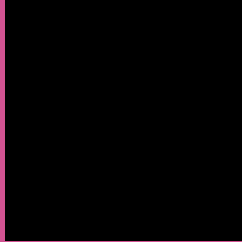
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6342, 0.4040, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 21.6342, 0.4040, 0.2539.



This preview shows how white text looks on a background with the Yxy color 21.6342, 0.4040, 0.2539.

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

21.6342, 0.4040, 0.2539

Protanopia

21.9582, 0.2540, 0.2479

Deuteranopia

21.8206, 0.3126, 0.3067



Tritanopia

21.5343, 0.4658, 0.3209

Trichromacy



Original Color

21.6342, 0.4040, 0.2539



Protanomaly

20.4751, 0.2975, 0.2450



Deuteranomaly

20.6469, 0.3436, 0.2795



Tritanomaly

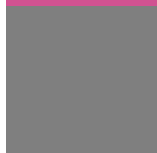
21.3622, 0.4432, 0.2950

Monochromacy



Original Color

21.6342, 0.4040, 0.2539



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

20.2582, 0.3445, 0.2921

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6342, 0.4040, 0.2539 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(209, 82, 145)` looks like.

```
.text, #text, p{  
    color:rgb(209, 82, 145)  
}
```

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(209, 82, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 82, 145) }
```

Border

The CSS property to change the border of an element to Yxy 21.6342, 0.4040, 0.2539 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(209, 82, 145) }
```

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

```
.border{ border-color:rgb(209, 82, 145) }
```

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

Here you see how a box with a 4 pixel rgb(209, 82, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 82, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 82, 145);  
box-shadow:4px 4px 4px 4px rgb(209, 82,  
145) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.6342, 0.4040, 0.2539$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 82, 145) }
```

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

```
.background{ background-color: rgb(209, 82,  
145) }
```

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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