

Converting Colors

$Y_{xy}(21.2712, 0.4031, 0.2594)$

Have a look what the booklet for
Yxy(21.2712, 0.4031, 0.2594)
contains.

Yxy(21.2575, 0.4030, 0.2599)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.2575, 0.4030, 0.2599)

Conversions

Conversions Part 1

Format	Color
Hex	CC558D
RGB	204, 85, 141
RGB Percent	80%, 33%, 55%
CMY	0.1999, 0.6667, 0.4470
CMYK	0.00, 0.58, 0.31, 0.20
HSL	332°, 54%, 57%
HSV	332°, 58%, 80%
XYZ	32.9618, 21.2575, 27.5718
YIQ	126.9650, 52.9480, 42.6440

Conversions

Conversions Part 2

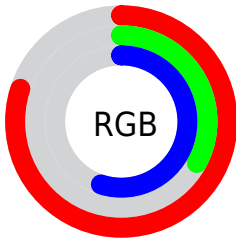
Format	Color
R_{YB}	204, 85, 141
Decimal	13391245
CIE _{Lab}	53.23, 52.88, -7.17
CIE _{LCh}	53, 53.364, 352.279
Yxy	21.2575, 0.4030, 0.2599
Android (android.graphics.Color)	4291581325 (0xFFCC558D)
YUV	126.9650, 6.9193, 67.5597
Hunter-Lab	46.1059, 46.9272, -3.1819

Details

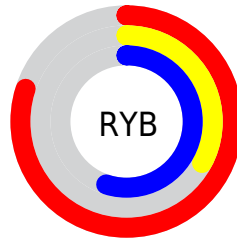
The Yxy color **21.2575, 0.4030, 0.2599** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **47.2608, 0.2704, 0.4165**, and the grayscale version is **21.1729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9563, 0.3748, 0.2724**, and **7.6051, 0.4364, 0.2352** is the 20% darker color. If you saturate the color by 10%, you get **18.1906, 0.4275, 0.2523**, and if you desaturate by 10%, it is **25.2837, 0.3810, 0.2702**.

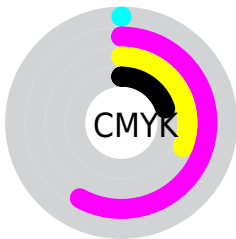
Distribution



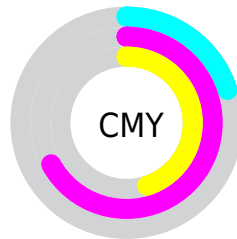
- Red (80%)
- Green (33%)
- Blue (55%)



- Red (80%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (58%)
- Yellow (31%)
- Black (20%)




- Cyan (20%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2575, 0.4030, 0.2599 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 21.2575, 0.4030, 0.2599 by changing the saturation by 10% instead.


 21.2575, 0.4030,
0.2599

 21.2575, 0.4030,
0.2599


258.6438, 0.3530,
0.2973


 13.3124, 0.4173,
0.2496


 45.5157, 0.3836,
0.2742

 7.6440, 0.4368,
0.2358


 62.5975, 0.3767,
0.2793

 3.8680, 0.4651,
0.2163

 83.4937, 0.3710,
0.2836

 1.6000, 0.5091,
0.1872

 108.5887, 0.3662,
0.2872

 0.3576, 0.6039,
0.1135

138.2668, 0.3622,
0.2903

 0.0000, 1.0000,
0.0000

172.9124, 0.3587,

 0.0000, 0.0000,

0.2929

0.0000

212.9099, 0.3557,
0.2952

■ 21.2575, 0.4030,
0.2599

■ 21.2575, 0.4030,
0.2599

■ 18.1906, 0.4275,
0.2523

■ 25.2837, 0.3810,
0.2702

■ 15.9968, 0.4536,
0.2488

■ 30.3390, 0.3619,
0.2821

■ 14.5799, 0.4801,
0.2503

■ 36.4906, 0.3456,
0.2947

■ 13.7913, 0.5056,
0.2569

■ 43.7988, 0.3320,
0.3073

■ 13.6844, 0.5098,
0.2582

■ 52.3198, 0.3207,
0.3194

■ 62.1057, 0.3113,
0.3309

■ 73.2059, 0.3036,
0.3415

■ 85.6670, 0.2972,
0.3514

■ 90.5441, 0.2915,
0.3467

Harmonies

Analogous

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



21.2575, 0.3032, 0.2145



21.2575, 0.4030, 0.2599



21.2575, 0.4810, 0.3197

Triad

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



21.2575, 0.4030, 0.2599



21.2575, 0.3870, 0.5027



21.2575, 0.1536, 0.2287

Complementary

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



21.2575, 0.4030, 0.2599



47.2608, 0.2704, 0.4165

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.



21.2575, 0.1677, 0.3036



21.2575, 0.4030, 0.2599



21.2575, 0.2979, 0.4953

Square

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



21.2575, 0.4030, 0.2599



21.2575, 0.4621, 0.4527



21.2575, 0.2175, 0.4109



21.2575, 0.1714, 0.1940

Rectangle

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



21.2575, 0.4030, 0.2599



21.2575, 0.5014, 0.3634



21.2575, 0.2175, 0.4109



21.2575, 0.1546, 0.2489

Sweetspot

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



21.2586, 0.4030, 0.2599



72.6629, 0.3319, 0.3074



17.0116, 0.2554, 0.1665



14.7442, 0.3356, 0.3037



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.



21.2586, 0.4030, 0.2599



29.0545, 0.4341, 0.2510



20.3074, 0.4895, 0.3319



11.3001, 0.3218, 0.3181



8.6304, 0.5065, 0.2564



0.4605, 0.4609, 0.2313

Inverse Universe

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



21.2586, 0.4030, 0.2599



29.0545, 0.4341, 0.2510



48.5462, 0.2402, 0.3259



11.3001, 0.3218, 0.3181



8.6304, 0.5065, 0.2564



0.4605, 0.4609, 0.2313

Previews

White Background



This preview shows how the Yxy color 21.2575, 0.4030, 0.2599 looks on a white background.

Color Contrast Check

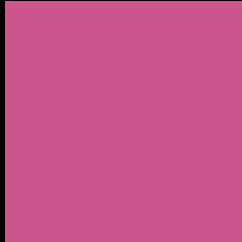
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2575, 0.4030, 0.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

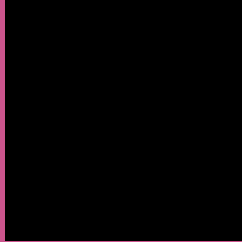
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2575, 0.4030, 0.2599

Background



This preview shows how black text looks on a background with the Yxy color 21.2575, 0.4030, 0.2599.



This preview shows how white text looks on a background with the Yxy color 21.2575, 0.4030, 0.2599.

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

21.2575, 0.4030, 0.2599

Protanopia

21.4619, 0.2611, 0.2578

Deuteranopia

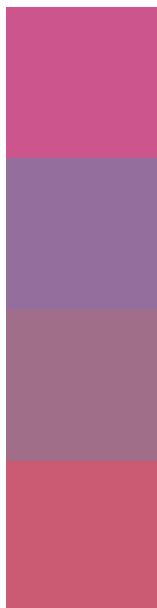
21.4829, 0.3160, 0.3100



Tritanopia

21.3430, 0.4583, 0.3219

Trichromacy



Original Color

21.2575, 0.4030, 0.2599

Protanomaly

20.1334, 0.3040, 0.2543

Deuteranomaly

20.5351, 0.3460, 0.2866

Tritanomaly

21.2765, 0.4384, 0.2990

Monochromacy



Original Color

21.2575, 0.4030, 0.2599

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.2228, 0.3443, 0.2965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2575, 0.4030, 0.2599 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(204, 85, 141)` looks like.

```
.text, #text, p{  
    color:rgb(204, 85, 141)  
}
```

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(204, 85, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 85, 141) }
```

Border

The CSS property to change the border of an element to Yxy 21.2575, 0.4030, 0.2599 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(204, 85, 141) }
```

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

```
.border{ border-color:rgb(204, 85, 141) }
```

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

Here you see how a box with a 4 pixel rgb(204, 85, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 85, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 85, 141);  
box-shadow:4px 4px 4px 4px rgb(204, 85,  
141) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.2575, 0.4030, 0.2599$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 85, 141) }
```

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

```
.background{ background-color: rgb(204, 85,  
141) }
```

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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