

Converting Colors

$Y_{xy}(21.5485, 0.3439, 0.2144)$

Have a look what the booklet for
Yxy(21.5485, 0.3439, 0.2144)
contains.

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Color

Yxy(21.5608, 0.3432, 0.2145)

Conversions

Conversions Part 1

Format	Color
Hex	C654B2
RGB	198, 84, 178
RGB Percent	78%, 33%, 70%
CMY	0.2235, 0.6706, 0.3020
CMYK	0.00, 0.58, 0.10, 0.22
HSL	311°, 50%, 55%
HSV	311°, 58%, 78%
XYZ	34.4973, 21.5608, 44.4585
YIQ	128.8020, 37.7700, 53.4020

Conversions

Conversions Part 2

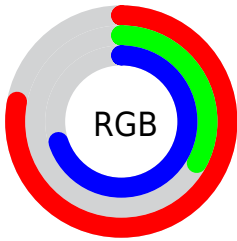
Format	Color
R_{YB}	198, 84, 178
Decimal	12997810
CIE _{Lab}	53.56, 56.84, -28.45
CIE _{LCh}	54, 63.561, 333.412
Yxy	21.5608, 0.3432, 0.2145
Android (android.graphics.Color)	4291187890 (0xFFC654B2)
YUV	128.8020, 24.2546, 60.6866
Hunter-Lab	46.4336, 51.3556, -24.2645

Details

The Yxy color **21.5608, 0.3432, 0.2145** 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 **43.2801, 0.2938, 0.4825**, and the grayscale version is **21.7838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6658, 0.3364, 0.2351**, and **7.7967, 0.3497, 0.1816** is the 20% darker color. If you saturate the color by 10%, you get **18.7727, 0.3500, 0.2001**, and if you desaturate by 10%, it is **25.2231, 0.3367, 0.2320**.

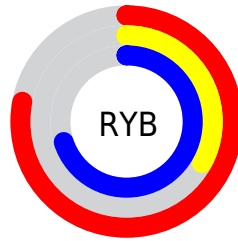
Distribution



Red (78%)

Green (33%)

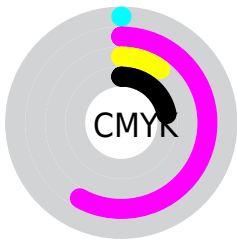
Blue (70%)



Red (78%)

Yellow (33%)

Blue (70%)

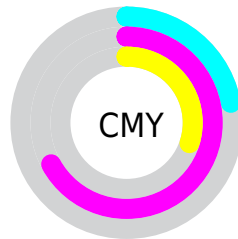


Cyan (0%)

Magenta (58%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (67%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5608, 0.3432, 0.2145 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 21.5608, 0.3432, 0.2145 by changing the saturation by 10% instead.


 21.5608, 0.3432,
0.2145


 21.5608, 0.3432,
0.2145


260.2440, 0.3287,
0.2726


 13.5345, 0.3464,
0.2000


 46.0190, 0.3382,
0.2357

 7.7977, 0.3502,
0.1816


 63.2198, 0.3362,
0.2436

 3.9657, 0.3547,
0.1574


 84.2475, 0.3346,
0.2503

 1.6544, 0.3596,
0.1251

 109.4865, 0.3331,
0.2560

 0.3939, 0.3685,
0.0679

139.3213, 0.3318,
0.2610

 0.0000, 0.3651,
0.0000

174.1362, 0.3307,

 0.0000, 0.0000,

0.2653

0.0000

214.3156, 0.3297,
0.2692

■ 21.5608, 0.3432,
0.2145

■ 21.5608, 0.3432,
0.2145

■ 18.7727, 0.3500,
0.2001

■ 25.2231, 0.3367,
0.2320

■ 16.7803, 0.3568,
0.1897

■ 29.8232, 0.3306,
0.2515

■ 15.4966, 0.3634,
0.1837

■ 35.4222, 0.3250,
0.2722

■ 14.7952, 0.3697,
0.1820

■ 42.0753, 0.3200,
0.2932

■ 14.6610, 0.3713,
0.1819

■ 49.8334, 0.3156,
0.3138

■ 58.7444, 0.3118,
0.3337

■ 68.8532, 0.3086,
0.3525

■ 80.2023, 0.3058,
0.3700

■ 88.1458, 0.3036,
0.3790

Harmonies

Analogous

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



21.5608, 0.2367, 0.1789



21.5608, 0.3432, 0.2145



21.5608, 0.4595, 0.2718

Triad

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



21.5608, 0.3432, 0.2145



21.5608, 0.4510, 0.4929



21.5608, 0.1367, 0.2579

Complementary

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



21.5608, 0.3432, 0.2145



43.2801, 0.2938, 0.4825

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.



21.5608, 0.1750, 0.3758



21.5608, 0.3432, 0.2145



21.5608, 0.3552, 0.5424

Square

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



21.5608, 0.3432, 0.2145



21.5608, 0.5185, 0.4156



21.5608, 0.2543, 0.5027



21.5608, 0.1358, 0.1926

Rectangle

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



21.5608, 0.3432, 0.2145



21.5608, 0.5134, 0.3169



21.5608, 0.2543, 0.5027



21.5608, 0.1449, 0.2917

Sweetspot

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



21.5618, 0.3432, 0.2145



74.9115, 0.3199, 0.2939



13.3012, 0.2173, 0.1524



15.4839, 0.3208, 0.2896



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.



21.5618, 0.3432, 0.2145



32.2464, 0.3516, 0.1972



19.7530, 0.4259, 0.2807



10.7834, 0.3164, 0.3102



9.5440, 0.3705, 0.1815



0.4605, 0.3584, 0.1748

Inverse Universe

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



21.5618, 0.3432, 0.2145



32.2464, 0.3516, 0.1972



44.8186, 0.2618, 0.3886



10.7834, 0.3164, 0.3102



9.5440, 0.3705, 0.1815



0.4605, 0.3584, 0.1748

Previews

White Background



This preview shows how the Yxy color 21.5608, 0.3432, 0.2145 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 21.5608, 0.3432, 0.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

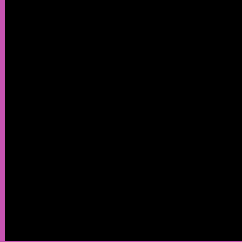
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5608, 0.3432, 0.2145

Background



This preview shows how black text looks on a background with the Yxy color 21.5608, 0.3432, 0.2145.



This preview shows how white text looks on a background with the Yxy color 21.5608, 0.3432, 0.2145.

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

21.5608, 0.3432, 0.2145

Protanopia

22.0023, 0.2147, 0.1980

Deuteranopia

21.6439, 0.2596, 0.2536



Tritanopia

21.4879, 0.4283, 0.3184

Trichromacy



Original Color

21.5608, 0.3432, 0.2145



Protanomaly

20.3643, 0.2471, 0.1976



Deuteranomaly

20.5359, 0.2848, 0.2323



Tritanomaly

21.3750, 0.3975, 0.2773

Monochromacy



Original Color

21.5608, 0.3432, 0.2145



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

20.7869, 0.3240, 0.2749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5608, 0.3432, 0.2145 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(198, 84, 178)` looks like.

```
.text, #text, p{  
    color:rgb(198, 84, 178)  
}
```

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(198, 84, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 84, 178) }
```

Border

The CSS property to change the border of an element to Yxy 21.5608, 0.3432, 0.2145 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(198, 84, 178) }
```

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

```
.border{ border-color:rgb(198, 84, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 84, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 84, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 84, 178);  
box-shadow:4px 4px 4px 4px rgb(198, 84,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5608, 0.3432, 0.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 84, 178) }
```

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

```
.background{ background-color: rgb(198, 84,  
178) }
```

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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