

Converting Colors

$Y_{xy}(21.6163, 0.3509, 0.2314)$

Have a look what the booklet for
Yxy(21.6163, 0.3509, 0.2314)
contains.

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Color

Yxy(21.6096, 0.3505, 0.2316)

Conversions

Conversions Part 1

Format	Color
Hex	C15BA7
RGB	193, 91, 167
RGB Percent	76%, 36%, 65%
CMY	0.2432, 0.6431, 0.3452
CMYK	0.00, 0.53, 0.13, 0.24
HSL	315°, 45%, 56%
HSV	315°, 53%, 76%
XYZ	32.7036, 21.6096, 38.9925
YIQ	130.1620, 36.3960, 45.2600

Conversions

Conversions Part 2

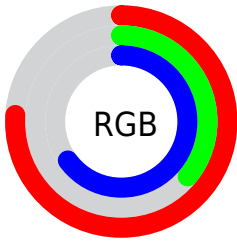
Format	Color
R _Y B	193, 91, 167
Decimal	12671911
CIE Lab	53.61, 50.32, -22.01
CIE LCh	54, 54.925, 336.377
Yxy	21.6096, 0.3505, 0.2316
Android (android.graphics.Color)	4290861991 (0xFFC15BA7)
YUV	130.1620, 18.1611, 55.1089
Hunter-Lab	46.4861, 44.2266, -17.1920

Details

The Yxy color **21.6096, 0.3505, 0.2316** 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 **41.6446, 0.2900, 0.4540**, and the grayscale version is **22.3101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0340, 0.3433, 0.2505**, and **7.8179, 0.3615, 0.2012** is the 20% darker color. If you saturate the color by 10%, you get **18.5451, 0.3603, 0.2169**, and if you desaturate by 10%, it is **25.5315, 0.3414, 0.2488**.

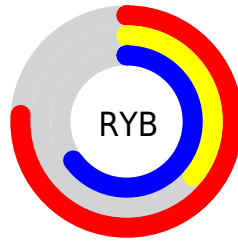
Distribution



Red (76%)

Green (36%)

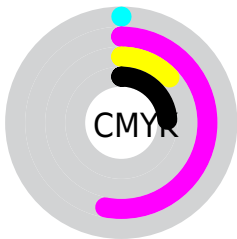
Blue (65%)



Red (76%)

Yellow (36%)

Blue (65%)

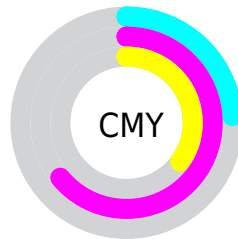


Cyan (0%)

Magenta (53%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6096, 0.3505, 0.2316 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 21.6096, 0.3505, 0.2316 by changing the saturation by 10% instead.


 21.6096, 0.3505,
0.2316


 21.6096, 0.3505,
0.2316


260.5007, 0.3312,
0.2820


 13.5703, 0.3553,
0.2186


 46.0999, 0.3435,
0.2502


 7.8224, 0.3615,
0.2018


 63.3197, 0.3408,
0.2572

 3.9815, 0.3697,
0.1792


 84.3685, 0.3386,
0.2630

 1.6632, 0.3807,
0.1478

 109.6306, 0.3367,
0.2679

 0.3997, 0.4026,
0.0863

139.4905, 0.3351,
0.2722

 0.0000, 0.4198,
0.0000

174.3326, 0.3336,

 0.0000, 0.0000,

0.2759

0.0000

214.5411, 0.3324,
0.2791

■ 21.6096, 0.3505,
0.2316

■ 21.6096, 0.3505,
0.2316

■ 18.5451, 0.3603,
0.2169

■ 25.5315, 0.3414,
0.2488

■ 16.2683, 0.3706,
0.2055

■ 30.3670, 0.3332,
0.2674

■ 14.7040, 0.3810,
0.1985

■ 36.1715, 0.3259,
0.2865

■ 13.7604, 0.3912,
0.1962

■ 42.9947, 0.3195,
0.3055

■ 13.3416, 0.3984,
0.1968

■ 50.8831, 0.3141,
0.3239

■ 59.8804, 0.3095,
0.3414

■ 70.0275, 0.3056,
0.3578

■ 81.3637, 0.3023,
0.3729

■ 87.5733, 0.2995,
0.3772

Harmonies

Analogous

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



21.6096, 0.2546, 0.1966



21.6096, 0.3505, 0.2316



21.6096, 0.4483, 0.2857

Triad

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



21.6096, 0.3505, 0.2316



21.6096, 0.4317, 0.4831



21.6096, 0.1539, 0.2613

Complementary

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



21.6096, 0.3505, 0.2316



41.6446, 0.2900, 0.4540

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.



21.6096, 0.1869, 0.3592



21.6096, 0.3505, 0.2316



21.6096, 0.3457, 0.5135

Square

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



21.6096, 0.3505, 0.2316



21.6096, 0.4921, 0.4187



21.6096, 0.2559, 0.4671



21.6096, 0.1553, 0.2054

Rectangle

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



21.6096, 0.3505, 0.2316



21.6096, 0.4915, 0.3279



21.6096, 0.2559, 0.4671



21.6096, 0.1609, 0.2896

Sweetspot

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



21.6106, 0.3505, 0.2316



72.6306, 0.3216, 0.2991



15.0839, 0.2345, 0.1714



15.0336, 0.3229, 0.2952



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.6106, 0.3505, 0.2316



32.6800, 0.3615, 0.2154



20.0946, 0.4249, 0.2953



10.2022, 0.3176, 0.3120



8.8886, 0.3972, 0.1962



0.3947, 0.3767, 0.1849

Inverse Universe

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



21.6106, 0.3505, 0.2316



32.6800, 0.3615, 0.2154



43.1678, 0.2596, 0.3686



10.2022, 0.3176, 0.3120



8.8886, 0.3972, 0.1962



0.3947, 0.3767, 0.1849

Previews

White Background



This preview shows how the Yxy color 21.6096, 0.3505, 0.2316 looks on a white background.

Color Contrast Check

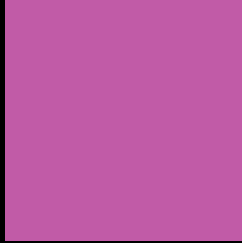
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6096, 0.3505, 0.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

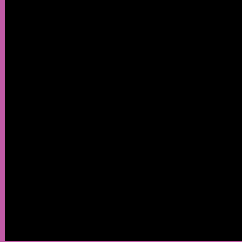
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6096, 0.3505, 0.2316

Background



This preview shows how black text looks on a background with the Yxy color 21.6096, 0.3505, 0.2316.



This preview shows how white text looks on a background with the Yxy color 21.6096, 0.3505, 0.2316.

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

21.6096, 0.3505, 0.2316

Protanopia

21.8200, 0.2328, 0.2207

Deuteranopia

21.7800, 0.2750, 0.2698



Tritanopia

21.6131, 0.4186, 0.3195

Trichromacy



Original Color

21.6096, 0.3505, 0.2316



Protanomaly

20.5893, 0.2661, 0.2203



Deuteranomaly

20.8442, 0.2997, 0.2508



Tritanomaly

21.3812, 0.3941, 0.2852

Monochromacy



Original Color

21.6096, 0.3505, 0.2316



Achromatopsia

22.3228, 0.3127, 0.3290



Achromatomaly

21.2463, 0.3272, 0.2856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6096, 0.3505, 0.2316 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(193, 91, 167)` looks like.

```
.text, #text, p{  
    color:rgb(193, 91, 167)  
}
```

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(193, 91, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 91, 167) }
```

Border

The CSS property to change the border of an element to Yxy 21.6096, 0.3505, 0.2316 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(193, 91, 167) }
```

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

```
.border{ border-color:rgb(193, 91, 167) }
```

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

Here you see how a box with a 4 pixel rgb(193, 91, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 91, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 91, 167);  
box-shadow:4px 4px 4px 4px rgb(193, 91,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6096, 0.3505, 0.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 91, 167) }
```

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

```
.background{ background-color: rgb(193, 91,  
167) }
```

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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