

Converting Colors

$Y_{xy}(25.3876, 0.3561, 0.2486)$

Have a look what the booklet for
Yxy(25.3876, 0.3561, 0.2486)
contains.

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Color

Yxy(25.3852, 0.3552, 0.2484)

Conversions

Conversions Part 1

Format	Color
Hex	C969A9
RGB	201, 105, 169
RGB Percent	79%, 41%, 66%
CMY	0.2117, 0.5882, 0.3374
CMYK	0.00, 0.48, 0.16, 0.21
HSL	320°, 47%, 60%
HSV	320°, 48%, 79%
XYZ	36.2996, 25.3852, 40.5100
YIQ	141.0000, 36.6720, 40.2560

Conversions

Conversions Part 2

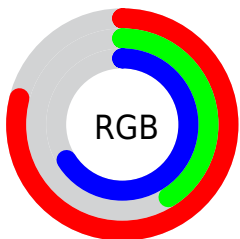
Format	Color
R_{YB}	201, 105, 169
Decimal	13199785
CIE _{Lab}	57.45, 46.17, -17.21
CIE _{LCh}	57, 49.277, 339.559
Yxy	25.3852, 0.3552, 0.2484
Android (android.graphics.Color)	4291389865 (0xFFC969A9)
YUV	141.0000, 13.8040, 52.6200
Hunter-Lab	50.3837, 40.4311, -12.4023

Details

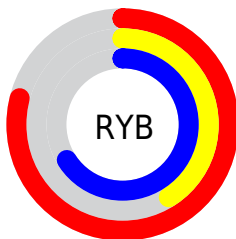
The Yxy color **25.3852, 0.3552, 0.2484** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.5872, 0.2869, 0.4280**, and the grayscale version is **26.5707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4381, 0.3433, 0.2632**, and **9.8503, 0.3682, 0.2244** is the 20% darker color. If you saturate the color by 10%, you get **21.5187, 0.3679, 0.2337**, and if you desaturate by 10%, it is **30.2347, 0.3438, 0.2649**.

Distribution



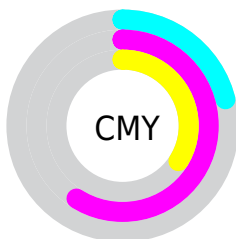
- Red (79%)
- Green (41%)
- Blue (66%)



- Red (79%)
- Yellow (41%)
- Blue (66%)



- Cyan (0%)
- Magenta (48%)
- Yellow (16%)
- Black (21%)





- Cyan (21%)
- Magenta (59%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3852, 0.3552, 0.2484 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 25.3852, 0.3552, 0.2484 by changing the saturation by 10% instead.


 25.3852, 0.3552,
0.2484


 25.3852, 0.3552,
0.2484


279.7509, 0.3332,
0.2898


 16.3643, 0.3609,
0.2378


 52.2814, 0.3471,
0.2637

 9.7823, 0.3683,
0.2240


 70.9256, 0.3440,
0.2693

 5.2548, 0.3784,
0.2055


 93.5462, 0.3415,
0.2741

 2.3976, 0.3926,
0.1795

 120.5277, 0.3394,
0.2782

 0.8246, 0.4144,
0.1408

152.2546, 0.3375,
0.2817

 0.0000, 0.4895,
0.0000

189.1111, 0.3359,

 0.0000, 0.0000,

0.2847

0.0000

231.4817, 0.3345,
0.2874

■ 25.3852, 0.3552,
0.2484

■ 25.3852, 0.3552,
0.2484

■ 21.5187, 0.3679,
0.2337

■ 30.2347, 0.3438,
0.2649

■ 18.5621, 0.3817,
0.2219

■ 36.1261, 0.3337,
0.2821

■ 16.4380, 0.3962,
0.2140


■ 43.1182, 0.3250,
0.2995


■ 15.0543, 0.4108,
0.2109


■ 51.2640, 0.3176,
0.3164

■ 14.2779, 0.4250,
0.2126

■ 60.6135, 0.3114,
0.3325

 14.1379, 0.4282,
0.2133

 71.2133, 0.3062,
0.3477

 83.1078, 0.3018,
0.3617

 89.2461, 0.2981,
0.3638

 89.6143, 0.2945,
0.3564

Harmonies

Analogous

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



25.3852, 0.2712, 0.2149



25.3852, 0.3552, 0.2484



25.3852, 0.4355, 0.2985

Triad

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



25.3852, 0.3552, 0.2484



25.3852, 0.4118, 0.4687



25.3852, 0.1721, 0.2657

Complementary

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



25.3852, 0.3552, 0.2484



46.5872, 0.2869, 0.4280

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.



25.3852, 0.1995, 0.3460



25.3852, 0.3552, 0.2484



25.3852, 0.3360, 0.4835

Square

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



25.3852, 0.3552, 0.2484



25.3852, 0.4655, 0.4178



25.3852, 0.2581, 0.4358



25.3852, 0.1758, 0.2188

Rectangle

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



25.3852, 0.3552, 0.2484



25.3852, 0.4691, 0.3372



25.3852, 0.2581, 0.4358



25.3852, 0.1776, 0.2892

Sweetspot

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



25.3864, 0.3552, 0.2484



78.5561, 0.3223, 0.3056



19.6406, 0.2510, 0.1902



16.1851, 0.3240, 0.3019



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.



25.3864, 0.3552, 0.2484



36.8172, 0.3680, 0.2337



23.9034, 0.4206, 0.3085



10.7541, 0.3188, 0.3137



8.9063, 0.4263, 0.2122



0.4348, 0.3990, 0.1972

Inverse Universe

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



25.3864, 0.3552, 0.2484



36.8172, 0.3680, 0.2337



48.2830, 0.2587, 0.3522



10.7541, 0.3188, 0.3137



8.9063, 0.4263, 0.2122



0.4348, 0.3990, 0.1972

Previews

White Background



This preview shows how the Yxy color 25.3852, 0.3552, 0.2484 looks on a white background.

Color Contrast Check

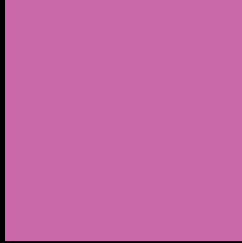
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3852, 0.3552, 0.2484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

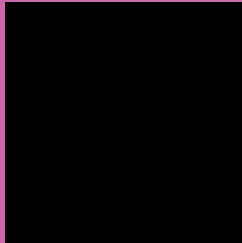
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3852, 0.3552, 0.2484

Background



This preview shows how black text looks on a background with the Yxy color 25.3852, 0.3552, 0.2484.



This preview shows how white text looks on a background with the Yxy color 25.3852, 0.3552, 0.2484.

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

25.3852, 0.3552, 0.2484

Protanopia

25.8347, 0.2504, 0.2442

Deuteranopia

25.4972, 0.2884, 0.2827



Tritanopia

25.4273, 0.4067, 0.3185

Trichromacy



Original Color

25.3852, 0.3552, 0.2484



Protanomaly

24.7072, 0.2817, 0.2421



Deuteranomaly

24.8499, 0.3111, 0.2667



Tritanomaly

25.2681, 0.3879, 0.2908

Monochromacy



Original Color

25.3852, 0.3552, 0.2484



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.4592, 0.3282, 0.2941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3852, 0.3552, 0.2484 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(201, 105, 169)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 169)  
}
```

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(201, 105, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 169) }
```

Border

The CSS property to change the border of an element to Yxy 25.3852, 0.3552, 0.2484 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(201, 105, 169) }
```

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

```
.border{ border-color:rgb(201, 105, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 169);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3852, 0.3552, 0.2484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 169) }
```

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

```
.background{ background-color: rgb(201,  
105, 169) }
```

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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