

Converting Colors

$Y_{xy}(25.0154, 0.3649, 0.2653)$

Have a look what the booklet for
Yxy(25.0154, 0.3649, 0.2653)
contains.

Yxy(25.0298, 0.3651, 0.2651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.0298, 0.3651, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	C56C9D
RGB	197, 108, 157
RGB Percent	77%, 42%, 62%
CMY	0.2275, 0.5764, 0.3843
CMYK	0.00, 0.45, 0.20, 0.23
HSL	327°, 43%, 60%
HSV	327°, 45%, 77%
XYZ	34.4714, 25.0298, 34.9152
YIQ	140.1970, 37.3150, 34.1070

Conversions

Conversions Part 2

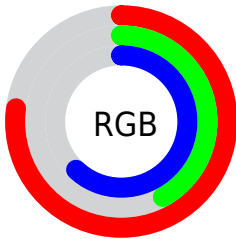
Format	Color
R _Y B	197, 108, 157
Decimal	12938397
CIE Lab	57.10, 41.46, -10.85
CIE LCh	57, 42.860, 345.335
Yxy	25.0298, 0.3651, 0.2651
Android (android.graphics.Color)	4291128477 (0xFFC56C9D)
YUV	140.1970, 8.2839, 49.8162
Hunter-Lab	50.0298, 35.4376, -6.3569

Details

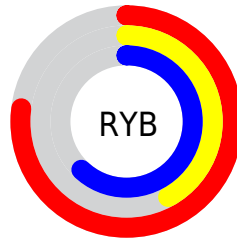
The Yxy color **25.0298, 0.3651, 0.2651** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.2521, 0.2816, 0.4046**, and the grayscale version is **26.2638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5032, 0.3539, 0.2767**, and **9.6296, 0.3822, 0.2445** is the 20% darker color. If you saturate the color by 10%, you get **21.0427, 0.3824, 0.2523**, and if you desaturate by 10%, it is **29.9798, 0.3500, 0.2792**.

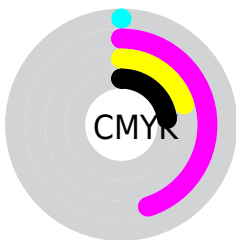
Distribution



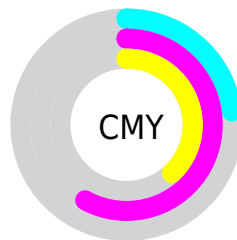
- Red (77%)
- Green (42%)
- Blue (62%)



- Red (77%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0298, 0.3651, 0.2651 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 25.0298, 0.3651, 0.2651 by changing the saturation by 10% instead.


 25.0298, 0.3651,
0.2651


 25.0298, 0.3651,
0.2651


277.9863, 0.3371,
0.2986


 16.0993, 0.3727,
0.2562


 51.7056, 0.3545,
0.2777


 9.5944, 0.3829,
0.2445


 70.2196, 0.3506,
0.2823

 5.1309, 0.3973,
0.2284


 92.6969, 0.3474,
0.2861

 2.3243, 0.4188,
0.2050

 119.5218, 0.3447,
0.2894

 0.7865, 0.4547,
0.1676

151.0789, 0.3424,
0.2922

 0.0000, 0.6333,
0.0000

187.7524, 0.3404,

 0.0000, 0.0000,

0.2946

0.0000

229.9267, 0.3386,
0.2968

■ 25.0298, 0.3651,
0.2651

■ 25.0298, 0.3651,
0.2651

■ 21.0427, 0.3824,
0.2523

■ 29.9798, 0.3500,
0.2792

■ 17.9505, 0.4018,
0.2419

■ 35.9476, 0.3370,
0.2938

■ 15.6819, 0.4226,
0.2352


■ 42.9883, 0.3260,
0.3082


■ 14.1530, 0.4441,
0.2332

■ 51.1517, 0.3168,
0.3221

■ 13.2615, 0.4652,
0.2364


■ 60.4847, 0.3092,
0.3352

 12.9609, 0.4754,
0.2392

 71.0315, 0.3029,
0.3474

 82.8338, 0.2976,
0.3587

 88.9794, 0.2930,
0.3583

 89.4832, 0.2883,
0.3485

Harmonies

Analogous

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



25.0298, 0.2899, 0.2312



25.0298, 0.3651, 0.2651



25.0298, 0.4304, 0.3128

Triad

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



25.0298, 0.3651, 0.2651



25.0298, 0.3902, 0.4583



25.0298, 0.1856, 0.2640

Complementary

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



25.0298, 0.3651, 0.2651



45.2521, 0.2816, 0.4046

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.



25.0298, 0.2055, 0.3297



25.0298, 0.3651, 0.2651



25.0298, 0.3213, 0.4587

Square

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



25.0298, 0.3651, 0.2651



25.0298, 0.4419, 0.4200



25.0298, 0.2537, 0.4076



25.0298, 0.1940, 0.2267

Rectangle

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



25.0298, 0.3651, 0.2651



25.0298, 0.4545, 0.3487



25.0298, 0.2537, 0.4076



25.0298, 0.1890, 0.2830

Sweetspot

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



25.0310, 0.3651, 0.2651



78.3093, 0.3251, 0.3096



20.9220, 0.2641, 0.2017



16.1249, 0.3273, 0.3065



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.



25.0310, 0.3651, 0.2651



37.9085, 0.3818, 0.2527



23.8101, 0.4242, 0.3214



10.7330, 0.3205, 0.3163



8.5436, 0.4728, 0.2378



0.4190, 0.4328, 0.2158

Inverse Universe

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



25.0310, 0.3651, 0.2651



37.9085, 0.3818, 0.2527



46.8781, 0.2559, 0.3374



10.7330, 0.3205, 0.3163



8.5436, 0.4728, 0.2378



0.4190, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 25.0298, 0.3651, 0.2651 looks on a white background.

Color Contrast Check

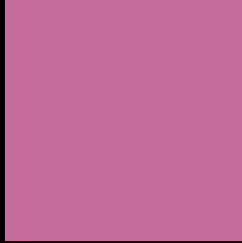
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0298, 0.3651, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

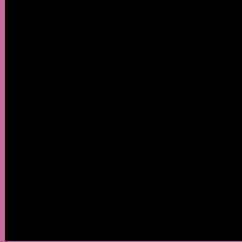
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0298, 0.3651, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 25.0298, 0.3651, 0.2651.



This preview shows how white text looks on a background with the Yxy color 25.0298, 0.3651, 0.2651.

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

25.0298, 0.3651, 0.2651

Protanopia

25.2549, 0.2666, 0.2651

Deuteranopia

25.2794, 0.3043, 0.2984



Tritanopia

25.1609, 0.4043, 0.3184

Trichromacy



Original Color

25.0298, 0.3651, 0.2651

Protanomaly

24.4617, 0.2970, 0.2635

Deuteranomaly

24.7869, 0.3252, 0.2852

Tritanomaly

24.9397, 0.3907, 0.2982

Monochromacy



Original Color

25.0298, 0.3651, 0.2651

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.0907, 0.3315, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0298, 0.3651, 0.2651 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(197, 108, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 108, 157)  
}
```

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(197, 108, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 108, 157) }
```

Border

The CSS property to change the border of an element to Yxy 25.0298, 0.3651, 0.2651 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(197, 108, 157) }
```

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

```
.border{ border-color:rgb(197, 108, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 108, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 108, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 108, 157); box-shadow:4px 4px 4px 4px rgb(197, 108, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0298, 0.3651, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 108, 157) }
```

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

```
.background{ background-color: rgb(197,  
108, 157) }
```

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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