

Converting Colors

$Y_{xy}(25.0374, 0.3638, 0.2432)$

Have a look what the booklet for
Yxy(25.0374, 0.3638, 0.2432)
contains.

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Color

Yxy(25.0537, 0.3633, 0.2437)

Conversions

Conversions Part 1

Format	Color
Hex	CF63A9
RGB	207, 99, 169
RGB Percent	81%, 39%, 66%
CMY	0.1883, 0.6117, 0.3373
CMYK	0.00, 0.52, 0.18, 0.19
HSL	321°, 53%, 60%
HSV	321°, 52%, 81%
XYZ	37.3492, 25.0537, 40.4026
YIQ	139.2720, 41.8980, 44.6660

Conversions

Conversions Part 2

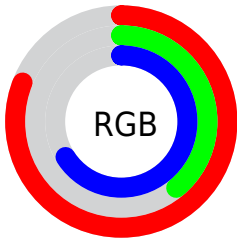
Format	Color
R _Y B	207, 99, 169
Decimal	13591465
CIE Lab	57.13, 51.02, -17.64
CIE LCh	57, 53.984, 340.932
Yxy	25.0537, 0.3633, 0.2437
Android (android.graphics.Color)	4291781545 (0xFFCF63A9)
YUV	139.2720, 14.6559, 59.3975
Hunter-Lab	50.0537, 45.5999, -12.8204

Details

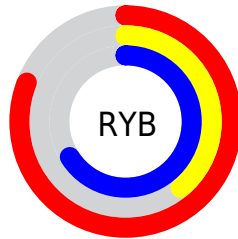
The Yxy color **25.0537, 0.3633, 0.2437** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.0722, 0.2842, 0.4362**, and the grayscale version is **25.8621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4243, 0.3440, 0.2573**, and **9.6452, 0.3786, 0.2183** is the 20% darker color. If you saturate the color by 10%, you get **21.3559, 0.3774, 0.2305**, and if you desaturate by 10%, it is **29.7740, 0.3505, 0.2592**.

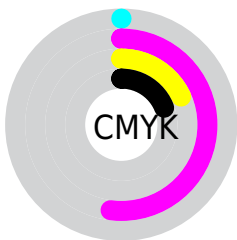
Distribution



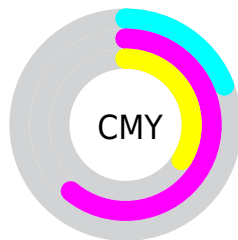
- Red (81%)
- Green (39%)
- Blue (66%)



- Red (81%)
- Yellow (39%)
- Blue (66%)



- Cyan (0%)
- Magenta (52%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0537, 0.3633, 0.2437 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 25.0537, 0.3633, 0.2437 by changing the saturation by 10% instead.


 25.0537, 0.3633,
0.2437


 25.0537, 0.3633,
0.2437


278.1053, 0.3370,
0.2874


 16.1171, 0.3701,
0.2325


 51.7443, 0.3535,
0.2598


 9.6070, 0.3791,
0.2181


 70.2671, 0.3499,
0.2658

 5.1392, 0.3912,
0.1988


 92.7541, 0.3469,
0.2708

 2.3292, 0.4085,
0.1719

 119.5896, 0.3444,
0.2751

 0.7891, 0.4352,
0.1319

151.1581, 0.3421,
0.2788

 0.0000, 0.5165,
0.0000

187.8439, 0.3402,

 0.0000, 0.0000,

0.2820

0.0000

230.0315, 0.3385,
0.2849

■ 25.0537, 0.3633,
0.2437

■ 25.0537, 0.3633,
0.2437

■ 21.3559, 0.3774,
0.2305

■ 29.7740, 0.3505,
0.2592

■ 18.5983, 0.3925,
0.2206

■ 35.5836, 0.3392,
0.2758

■ 16.6920, 0.4082,
0.2152

■ 42.5476, 0.3295,
0.2928

■ 15.5288, 0.4237,
0.2147

■ 50.7252, 0.3211,
0.3096

■ 14.9870, 0.4357,
0.2174

■ 60.1714, 0.3141,
0.3256

■ 70.9378, 0.3082,
0.3408

■ 83.0731, 0.3032,
0.3550

■ 90.3409, 0.2991,
0.3584

■ 90.7521, 0.2951,
0.3505

Harmonies

Analogous

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



25.0537, 0.2706, 0.2070



25.0537, 0.3633, 0.2437



25.0537, 0.4510, 0.2976

Triad

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



25.0537, 0.3633, 0.2437



25.0537, 0.4153, 0.4824



25.0537, 0.1603, 0.2555

Complementary

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



25.0537, 0.3633, 0.2437



49.0722, 0.2842, 0.4362

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.



25.0537, 0.1872, 0.3421



25.0537, 0.3633, 0.2437



25.0537, 0.3322, 0.4994

Square

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



25.0537, 0.3633, 0.2437



25.0537, 0.4764, 0.4257



25.0537, 0.2484, 0.4440



25.0537, 0.1660, 0.2076

Rectangle

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



25.0537, 0.3633, 0.2437



25.0537, 0.4860, 0.3389



25.0537, 0.2484, 0.4440



25.0537, 0.1654, 0.2803

Sweetspot

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



25.0549, 0.3633, 0.2437



75.7842, 0.3243, 0.3028



18.7349, 0.2454, 0.1767



15.6372, 0.3261, 0.2994



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.



25.0549, 0.3633, 0.2437



33.4275, 0.3798, 0.2286



23.4333, 0.4394, 0.3092



11.9355, 0.3191, 0.3140



9.4640, 0.4336, 0.2163



0.5439, 0.4078, 0.2020

Inverse Universe

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



25.0549, 0.3633, 0.2437



33.4275, 0.3798, 0.2286



51.0180, 0.2542, 0.3520



11.9355, 0.3191, 0.3140



9.4640, 0.4336, 0.2163



0.5439, 0.4078, 0.2020

Previews

White Background



This preview shows how the Yxy color 25.0537, 0.3633, 0.2437 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 25.0537, 0.3633, 0.2437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

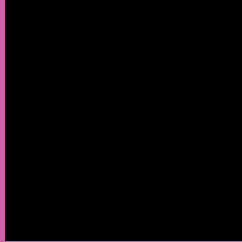
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0537, 0.3633, 0.2437

Background



This preview shows how black text looks on a background with the Yxy color 25.0537, 0.3633, 0.2437.



This preview shows how white text looks on a background with the Yxy color 25.0537, 0.3633, 0.2437.

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

25.0537, 0.3633, 0.2437

Protanopia

25.5158, 0.2450, 0.2370

Deuteranopia

25.0978, 0.2883, 0.2824



Tritanopia

25.0164, 0.4233, 0.3189

Trichromacy



Original Color

25.0537, 0.3633, 0.2437



Protanomaly

24.2904, 0.2797, 0.2367



Deuteranomaly

24.1779, 0.3135, 0.2638



Tritanomaly

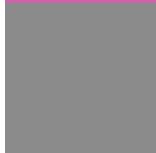
24.9516, 0.4011, 0.2895

Monochromacy



Original Color

25.0537, 0.3633, 0.2437



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.5098, 0.3311, 0.2896

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0537, 0.3633, 0.2437 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(207, 99, 169)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 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(207, 99, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 169) }
```

Border

The CSS property to change the border of an element to Yxy 25.0537, 0.3633, 0.2437 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(207, 99, 169) }
```

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

```
.border{ border-color:rgb(207, 99, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 99, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 169);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0537, 0.3633, 0.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 99, 169) }
```

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

```
.background{ background-color: rgb(207, 99,  
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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