

Converting Colors

$Y_{xy}(25.1449, 0.3607, 0.2448)$

Have a look what the booklet for
Yxy(25.1449, 0.3607, 0.2448)
contains.

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Color

Yxy(25.1511, 0.3606, 0.2452)

Conversions

Conversions Part 1

Format	Color
Hex	CD65A9
RGB	205, 101, 169
RGB Percent	80%, 40%, 66%
CMY	0.1961, 0.6038, 0.3373
CMYK	0.00, 0.51, 0.18, 0.20
HSL	321°, 51%, 60%
HSV	321°, 51%, 80%
XYZ	36.9881, 25.1511, 40.4346
YIQ	139.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

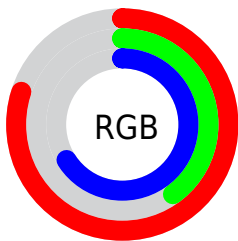
Format	Color
R _Y B	205, 101, 169
Decimal	13460905
CIE Lab	57.22, 49.43, -17.51
CIE LCh	57, 52.440, 340.493
Yxy	25.1511, 0.3606, 0.2452
Android (android.graphics.Color)	4291650985 (0xFFCD65A9)
YUV	139.8480, 14.3719, 57.1383
Hunter-Lab	50.1509, 43.8863, -12.6975

Details

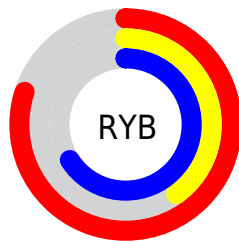
The Yxy color **25.1511, 0.3606, 0.2452** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **48.2308, 0.2851, 0.4335**, and the grayscale version is **26.0968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0845, 0.3438, 0.2593**, and **9.6133, 0.3747, 0.2191** is the 20% darker color. If you saturate the color by 10%, you get **21.3957, 0.3743, 0.2315**, and if you desaturate by 10%, it is **29.9160, 0.3483, 0.2610**.

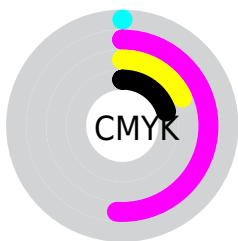
Distribution



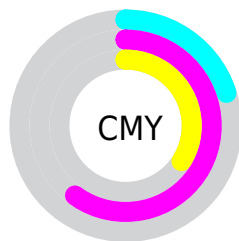
- Red (80%)
- Green (40%)
- Blue (66%)



- Red (80%)
- Yellow (40%)
- Blue (66%)



- Cyan (0%)
- Magenta (51%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1511, 0.3606, 0.2452 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 25.1511, 0.3606, 0.2452 by changing the saturation by 10% instead.


 25.1511, 0.3606,
0.2452


 25.1511, 0.3606,
0.2452


278.5896, 0.3358,
0.2882


 16.1897, 0.3671,
0.2342


 51.9022, 0.3514,
0.2610


 9.6585, 0.3755,
0.2200


 70.4607, 0.3480,
0.2669

 5.1731, 0.3869,
0.2009


 92.9871, 0.3451,
0.2719

 2.3492, 0.4032,
0.1743

 119.8656, 0.3427,
0.2761

 0.7996, 0.4283,
0.1347

151.4807, 0.3406,
0.2797

 0.0000, 0.5075,
0.0000

188.2168, 0.3388,

 0.0000, 0.0000,

0.2829

0.0000

230.4583, 0.3372,
0.2857

■ 25.1511, 0.3606,
0.2452

■ 25.1511, 0.3606,
0.2452

■ 21.3957, 0.3743,
0.2315

■ 29.9160, 0.3483,
0.2610

■ 18.5708, 0.3890,
0.2210

■ 35.7545, 0.3374,
0.2779

■ 16.5913, 0.4042,
0.2147

■ 42.7296, 0.3280,
0.2950

■ 15.3549, 0.4195,
0.2134

■ 50.8983, 0.3199,
0.3118

■ 14.6987, 0.4334,
0.2161

■ 60.3139, 0.3132,
0.3279

■ 71.0263, 0.3075,
0.3430

■ 83.0828, 0.3027,
0.3572

■ 89.9756, 0.2987,
0.3602

■ 90.3729, 0.2949,
0.3524

Harmonies

Analogous

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



25.1511, 0.2708, 0.2095



25.1511, 0.3606, 0.2452



25.1511, 0.4459, 0.2979

Triad

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



25.1511, 0.3606, 0.2452



25.1511, 0.4143, 0.4780



25.1511, 0.1641, 0.2589

Complementary

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



25.1511, 0.3606, 0.2452



48.2308, 0.2851, 0.4335

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.



25.1511, 0.1912, 0.3434



25.1511, 0.3606, 0.2452



25.1511, 0.3335, 0.4942

Square

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



25.1511, 0.3606, 0.2452



25.1511, 0.4730, 0.4232



25.1511, 0.2516, 0.4413



25.1511, 0.1691, 0.2112

Rectangle

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



25.1511, 0.3606, 0.2452



25.1511, 0.4805, 0.3384



25.1511, 0.2516, 0.4413



25.1511, 0.1693, 0.2832

Sweetspot

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



25.1523, 0.3606, 0.2452



77.1531, 0.3234, 0.3043



18.9251, 0.2461, 0.1807



15.9075, 0.3251, 0.3007



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.



25.1523, 0.3606, 0.2452



34.4928, 0.3758, 0.2302



23.6045, 0.4313, 0.3074



11.3352, 0.3190, 0.3140



9.1703, 0.4313, 0.2150



0.4870, 0.4044, 0.2002

Inverse Universe

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



25.1523, 0.3606, 0.2452



34.4928, 0.3758, 0.2302



50.0402, 0.2563, 0.3539



11.3352, 0.3190, 0.3140



9.1703, 0.4313, 0.2150



0.4870, 0.4044, 0.2002

Previews

White Background



This preview shows how the Yxy color 25.1511, 0.3606, 0.2452 looks on a white background.

Color Contrast Check

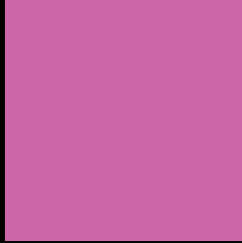
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1511, 0.3606, 0.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

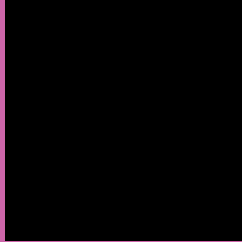
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1511, 0.3606, 0.2452

Background



This preview shows how black text looks on a background with the Yxy color 25.1511, 0.3606, 0.2452.



This preview shows how white text looks on a background with the Yxy color 25.1511, 0.3606, 0.2452.

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

25.1511, 0.3606, 0.2452

Protanopia

25.4964, 0.2472, 0.2397

Deuteranopia

25.4613, 0.2894, 0.2842



Tritanopia

25.2238, 0.4171, 0.3188

Trichromacy



Original Color

25.1511, 0.3606, 0.2452



Protanomaly

24.2480, 0.2806, 0.2379



Deuteranomaly

24.6691, 0.3134, 0.2668



Tritanomaly

25.1167, 0.3966, 0.2903

Monochromacy



Original Color

25.1511, 0.3606, 0.2452



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

25.0486, 0.3296, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1511, 0.3606, 0.2452 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(205, 101, 169)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 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(205, 101, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 169) }
```

Border

The CSS property to change the border of an element to Yxy 25.1511, 0.3606, 0.2452 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(205, 101, 169) }
```

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

```
.border{ border-color:rgb(205, 101, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 101, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 169);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1511, 0.3606, 0.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 169) }
```

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

```
.background{ background-color: rgb(205,  
101, 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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