

Converting Colors

$Y_{xy}(25.4713, 0.3446, 0.2282)$

Have a look what the booklet for
Yxy(25.4713, 0.3446, 0.2282)
contains.

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Color

Yxy(25.4644, 0.3446, 0.2281)

Conversions

Conversions Part 1

Format	Color
Hex	CE63B7
RGB	206, 99, 183
RGB Percent	81%, 39%, 72%
CMY	0.1921, 0.6118, 0.2822
CMYK	0.00, 0.52, 0.11, 0.19
HSL	313°, 52%, 60%
HSV	313°, 52%, 81%
XYZ	38.4701, 25.4644, 47.7025
YIQ	140.5690, 36.8080, 48.8080

Conversions

Conversions Part 2

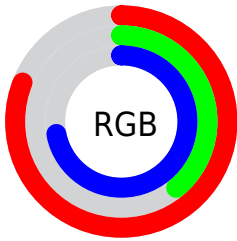
Format	Color
R _Y B	206, 99, 183
Decimal	13525943
CIE Lab	57.53, 52.94, -25.13
CIE LCh	58, 58.600, 334.603
Yxy	25.4644, 0.3446, 0.2281
Android (android.graphics.Color)	4291716023 (0xFFCE63B7)
YUV	140.5690, 20.9185, 57.3830
Hunter-Lab	50.4623, 47.7712, -20.7239

Details

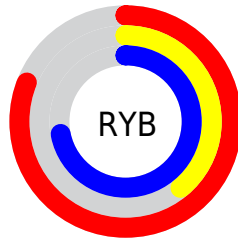
The Yxy color **25.4644, 0.3446, 0.2281** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **48.2111, 0.2926, 0.4590**, and the grayscale version is **26.3640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6032, 0.3306, 0.2447**, and **9.8026, 0.3519, 0.1991** is the 20% darker color. If you saturate the color by 10%, you get **21.8668, 0.3528, 0.2125**, and if you desaturate by 10%, it is **30.0658, 0.3369, 0.2462**.

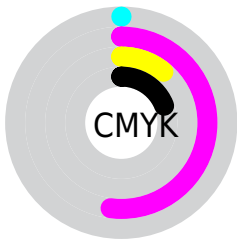
Distribution



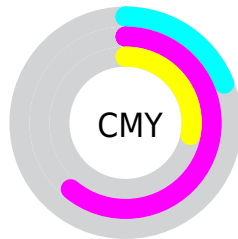
- Red (81%)
- Green (39%)
- Blue (72%)



- Red (81%)
- Yellow (39%)
- Blue (72%)



- Cyan (0%)
- Magenta (52%)
- Yellow (11%)
- Black (19%)



- Cyan (19%)
- Magenta (61%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4644, 0.3446, 0.2281 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 25.4644, 0.3446, 0.2281 by changing the saturation by 10% instead.


 25.4644, 0.3446,
0.2281


 25.4644, 0.3446,
0.2281


280.1429, 0.3292,
0.2787


 16.4234, 0.3482,
0.2156


 52.4096, 0.3392,
0.2464


 9.8242, 0.3526,
0.1996


 71.0826, 0.3371,
0.2534

 5.2826, 0.3582,
0.1788


 93.7351, 0.3353,
0.2592

 2.4140, 0.3651,
0.1506

 120.7514, 0.3337,
0.2642

 0.8331, 0.3734,
0.1113

152.5159, 0.3324,
0.2686

 0.0000, 0.4033,
0.0000

189.4130, 0.3312,

 0.0000, 0.0000,

0.2724

0.0000

231.8272, 0.3301,
0.2757

■ 25.4644, 0.3446,
0.2281

■ 25.4644, 0.3446,
0.2281

■ 21.8668, 0.3528,
0.2125

■ 30.0658, 0.3369,
0.2462

■ 19.1919, 0.3613,
0.2003

■ 35.7365, 0.3300,
0.2658

■ 17.3522, 0.3698,
0.1924

■ 42.5409, 0.3237,
0.2859

■ 16.2416, 0.3781,
0.1891

■ 50.5370, 0.3183,
0.3059

■ 15.7257, 0.3846,
0.1892

■ 59.7790, 0.3136,
0.3253

■ 70.3178, 0.3095,
0.3437

■ 82.2013, 0.3061,
0.3610

■ 89.7304, 0.3034,
0.3682

■ 89.9659, 0.3009,
0.3633

Harmonies

Analogous

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



25.4644, 0.2492, 0.1943



25.4644, 0.3446, 0.2281



25.4644, 0.4446, 0.2816

Triad

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



25.4644, 0.3446, 0.2281



25.4644, 0.4370, 0.4809



25.4644, 0.1536, 0.2652

Complementary

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



25.4644, 0.3446, 0.2281



48.2111, 0.2926, 0.4590

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.



25.4644, 0.1889, 0.3662



25.4644, 0.3446, 0.2281



25.4644, 0.3512, 0.5154

Square

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



25.4644, 0.3446, 0.2281



25.4644, 0.4958, 0.4149



25.4644, 0.2603, 0.4738



25.4644, 0.1532, 0.2065

Rectangle

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



25.4644, 0.3446, 0.2281



25.4644, 0.4905, 0.3238



25.4644, 0.2603, 0.4738



25.4644, 0.1612, 0.2947

Sweetspot

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



25.4656, 0.3446, 0.2281



76.1227, 0.3205, 0.2975



17.3985, 0.2310, 0.1717



15.7183, 0.3216, 0.2933



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.



25.4656, 0.3446, 0.2281



35.0132, 0.3535, 0.2113



23.6868, 0.4149, 0.2889



11.3609, 0.3170, 0.3110



9.6955, 0.3834, 0.1886



0.5107, 0.3689, 0.1806

Inverse Universe

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



25.4656, 0.3446, 0.2281



35.0132, 0.3535, 0.2113



49.8591, 0.2630, 0.3763



11.3609, 0.3170, 0.3110



9.6955, 0.3834, 0.1886



0.5107, 0.3689, 0.1806

Previews

White Background



This preview shows how the Yxy color 25.4644, 0.3446, 0.2281 looks on a white background.

Color Contrast Check

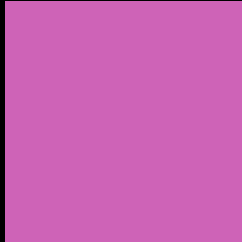
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4644, 0.3446, 0.2281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

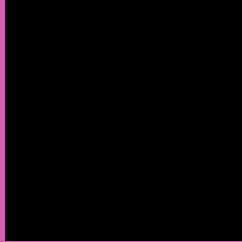
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4644, 0.3446, 0.2281

Background



This preview shows how black text looks on a background with the Yxy color 25.4644, 0.3446, 0.2281.



This preview shows how white text looks on a background with the Yxy color 25.4644, 0.3446, 0.2281.

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

25.4644, 0.3446, 0.2281

Protanopia

25.8065, 0.2300, 0.2169

Deuteranopia

25.6882, 0.2704, 0.2645



Tritanopia

25.3328, 0.4140, 0.3187

Trichromacy



Original Color

25.4644, 0.3446, 0.2281



Protanomaly

24.4940, 0.2623, 0.2179



Deuteranomaly

24.7915, 0.2946, 0.2475



Tritanomaly

25.2953, 0.3884, 0.2827

Monochromacy



Original Color

25.4644, 0.3446, 0.2281



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.3213, 0.3252, 0.2841

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4644, 0.3446, 0.2281 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(206, 99, 183)` looks like.

```
.text, #text, p{  
    color:rgb(206, 99, 183)  
}
```

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(206, 99, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 99, 183) }
```

Border

The CSS property to change the border of an element to Yxy 25.4644, 0.3446, 0.2281 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(206, 99, 183) }
```

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

```
.border{ border-color:rgb(206, 99, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 99, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 99, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 99, 183);  
box-shadow:4px 4px 4px 4px rgb(206, 99,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4644, 0.3446, 0.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 99, 183) }
```

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

```
.background{ background-color: rgb(206, 99,  
183) }
```

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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