

Converting Colors

$Y_{xy}(25.8458, 0.3841, 0.2535)$

Have a look what the booklet for
Yxy(25.8458, 0.3841, 0.2535)
contains.

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Color

Yxy(25.7570, 0.3836, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	D861A2
RGB	216, 97, 162
RGB Percent	85%, 38%, 64%
CMY	0.1530, 0.6196, 0.3647
CMYK	0.00, 0.55, 0.25, 0.15
HSL	327°, 60%, 61%
HSV	327°, 55%, 85%
XYZ	39.1147, 25.7570, 37.0958
YIQ	139.9910, 50.0590, 45.4430

Conversions

Conversions Part 2

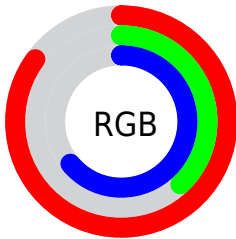
Format	Color
R _{YB}	216, 97, 162
Decimal	14180770
CIE _{Lab}	57.81, 53.78, -12.43
CIE _{LCh}	58, 55.200, 346.982
Yxy	25.7570, 0.3836, 0.2526
Android (android.graphics.Color)	4292370850 (0xFFD861A2)
YUV	139.9910, 10.8504, 66.6599
Hunter-Lab	50.7514, 48.7575, -7.8110

Details

The Yxy color **25.7570, 0.3836, 0.2526** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.8858, 0.2766, 0.4250**, and the grayscale version is **26.1658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7262, 0.3507, 0.2629**, and **9.9808, 0.4077, 0.2298** is the 20% darker color. If you saturate the color by 10%, you get **21.9600, 0.4033, 0.2423**, and if you desaturate by 10%, it is **30.6702, 0.3659, 0.2653**.

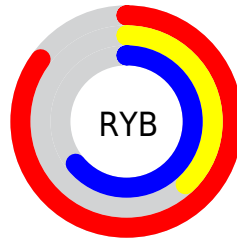
Distribution



Red (85%)

Green (38%)

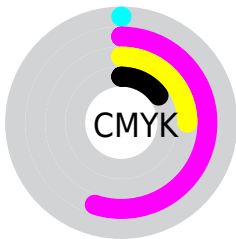
Blue (64%)



Red (85%)

Yellow (38%)

Blue (64%)

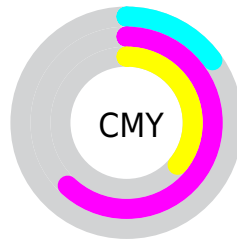


Cyan (0%)

Magenta (55%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7570, 0.3836, 0.2526 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 25.7570, 0.3836, 0.2526 by changing the saturation by 10% instead.


 25.7570, 0.3836,
0.2526


 25.7570, 0.3836,
0.2526


281.5872, 0.3460,
0.2921


 16.6419, 0.3937,
0.2424


 52.8827, 0.3694,
0.2672

 9.9795, 0.4071,
0.2291

 71.6621, 0.3643,
0.2726

 5.3854, 0.4257,
0.2112


 94.4317, 0.3599,
0.2772

 2.4751, 0.4530,
0.1857

 121.5760, 0.3563,
0.2810

 0.8641, 0.4968,
0.1476

153.4792, 0.3532,
0.2844

 0.0000, 0.6464,
0.0000

190.5259, 0.3505,

 0.0000, 1.0000,

0.2873

0.0000

233.1004, 0.3481,
0.2898

■ 0.0000, 0.0000,
0.0000

■ 25.7570, 0.3836,
0.2526

■ 25.7570, 0.3836,
0.2526

■ 21.9600, 0.4033,
0.2423

■ 30.6702, 0.3659,
0.2653

■ 19.1842, 0.4245,
0.2358

■ 36.7766, 0.3505,
0.2794

■ 17.3253, 0.4464,
0.2341

■ 44.1509, 0.3373,
0.2940

■ 16.2540, 0.4679,
0.2377

■ 52.8605, 0.3261,
0.3084

■ 15.9061, 0.4783,
0.2409

■ 62.9680, 0.3168,
0.3222

■ 74.5319, 0.3091,
0.3353

■ 87.6075, 0.3027,
0.3475

■ 92.4341, 0.2972,
0.3440

■ 93.0337, 0.2920,
0.3338

Harmonies

Analogous

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



25.7570, 0.2875, 0.2114



25.7570, 0.3836, 0.2526



25.7570, 0.4662, 0.3094

Triad

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



25.7570, 0.3836, 0.2526



25.7570, 0.4003, 0.4923



25.7570, 0.1573, 0.2416

Complementary

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



25.7570, 0.3836, 0.2526



53.8858, 0.2766, 0.4250

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.



25.7570, 0.1774, 0.3217



25.7570, 0.3836, 0.2526



25.7570, 0.3143, 0.4969

Square

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



25.7570, 0.3836, 0.2526



25.7570, 0.4685, 0.4394



25.7570, 0.2325, 0.4264



25.7570, 0.1694, 0.2009

Rectangle

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



25.7570, 0.3836, 0.2526



25.7570, 0.4936, 0.3518



25.7570, 0.2325, 0.4264



25.7570, 0.1603, 0.2638

Sweetspot

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



25.7583, 0.3836, 0.2526



74.1895, 0.3283, 0.3054



20.0453, 0.2515, 0.1718



15.3126, 0.3305, 0.3025



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.



25.7583, 0.3836, 0.2526



31.2679, 0.4065, 0.2411



24.1278, 0.4684, 0.3226



12.5332, 0.3207, 0.3163



9.4373, 0.4753, 0.2392



0.5858, 0.4414, 0.2205

Inverse Universe

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



25.7583, 0.3836, 0.2526



31.2679, 0.4065, 0.2411



56.3070, 0.2461, 0.3369



12.5332, 0.3207, 0.3163



9.4373, 0.4753, 0.2392



0.5858, 0.4414, 0.2205

Previews

White Background



This preview shows how the Yxy color 25.7570, 0.3836, 0.2526 looks on a white background.

Color Contrast Check

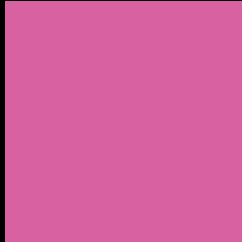
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7570, 0.3836, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

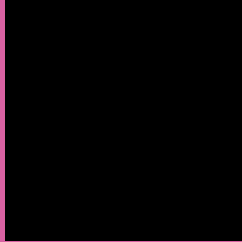
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7570, 0.3836, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 25.7570, 0.3836, 0.2526.



This preview shows how white text looks on a background with the Yxy color 25.7570, 0.3836, 0.2526.

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

25.7570, 0.3836, 0.2526

Protanopia

26.1797, 0.2537, 0.2488

Deuteranopia

26.0284, 0.3023, 0.2972



Tritanopia

25.7502, 0.4406, 0.3196

Trichromacy



Original Color

25.7570, 0.3836, 0.2526



Protanomaly

24.6293, 0.2915, 0.2457



Deuteranomaly

25.0456, 0.3304, 0.2765



Tritanomaly

25.5126, 0.4200, 0.2939

Monochromacy



Original Color

25.7570, 0.3836, 0.2526



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.8783, 0.3381, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7570, 0.3836, 0.2526 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(216, 97, 162)` looks like.

```
.text, #text, p{  
    color:rgb(216, 97, 162)  
}
```

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(216, 97, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 97, 162) }
```

Border

The CSS property to change the border of an element to Yxy 25.7570, 0.3836, 0.2526 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(216, 97, 162) }
```

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

```
.border{ border-color:rgb(216, 97, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 97, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 97, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 97, 162);  
box-shadow:4px 4px 4px 4px rgb(216, 97,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7570, 0.3836, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 97, 162) }
```

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

```
.background{ background-color: rgb(216, 97,  
162) }
```

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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