

Converting Colors

$Y_{xy}(25.6774, 0.4041, 0.2760)$

Have a look what the booklet for
Yxy(25.6774, 0.4041, 0.2760)
contains.

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Color

Yxy(25.6478, 0.4036, 0.2761)

Conversions

Conversions Part 1

Format	Color
Hex	D66591
RGB	214, 101, 145
RGB Percent	84%, 40%, 57%
CMY	0.1608, 0.6038, 0.4315
CMYK	0.00, 0.53, 0.32, 0.16
HSL	337°, 58%, 62%
HSV	337°, 53%, 84%
XYZ	37.4917, 25.6478, 29.7537
YIQ	139.8030, 53.2240, 37.6400

Conversions

Conversions Part 2

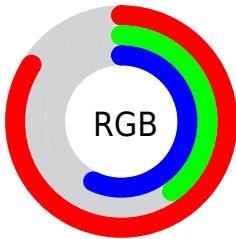
Format	Color
R_{YB}	214, 101, 145
Decimal	14050705
CIE _{Lab}	57.70, 49.01, -2.71
CIE _{LCh}	58, 49.090, 356.831
Yxy	25.6478, 0.4036, 0.2761
Android (android.graphics.Color)	4292240785 (0xFFD66591)
YUV	139.8030, 2.5621, 65.0708
Hunter-Lab	50.6437, 43.5178, 0.6171

Details

The Yxy color **25.6478, 0.4036, 0.2761** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.7574, 0.2678, 0.3926**, and the grayscale version is **26.1213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8262, 0.3674, 0.2835**, and **9.9272, 0.4353, 0.2573** is the 20% darker color. If you saturate the color by 10%, you get **21.6396, 0.4313, 0.2688**, and if you desaturate by 10%, it is **30.7867, 0.3793, 0.2854**.

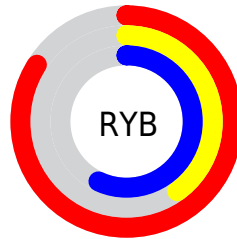
Distribution



Red (84%)

Green (40%)

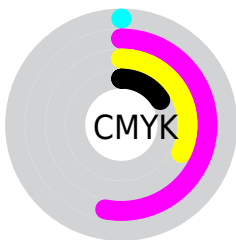
Blue (57%)



Red (84%)

Yellow (40%)

Blue (57%)

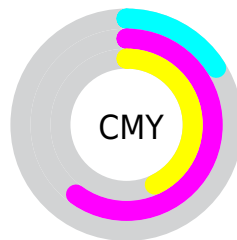


Cyan (0%)

Magenta (53%)

Yellow (32%)

Black (16%)



Cyan (16%)


Magenta (60%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6478, 0.4036, 0.2761 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 25.6478, 0.4036, 0.2761 by changing the saturation by 10% instead.


 25.6478, 0.4036,
0.2761


 25.6478, 0.4036,
0.2761


281.0488, 0.3541,
0.3046


 16.5603, 0.4174,
0.2683


 52.7062, 0.3846,
0.2870

 9.9215, 0.4360,
0.2578


 71.4460, 0.3778,
0.2909

 5.3470, 0.4625,
0.2431

 94.1719, 0.3721,
0.2941

 2.4522, 0.5028,
0.2211

 121.2685, 0.3674,
0.2969

 0.8526, 0.5704,
0.1851

153.1201, 0.3633,
0.2992

 0.0000, 1.0000,
0.0000

190.1111, 0.3598,

 0.0000, 0.0000,

0.3013

0.0000

232.6259, 0.3568,
0.3030

■ 25.6478, 0.4036,
0.2761

■ 25.6478, 0.4036,
0.2761

■ 21.6396, 0.4313,
0.2688

■ 30.7867, 0.3793,
0.2854

■ 18.6707, 0.4618,
0.2647

■ 37.1304, 0.3587,
0.2957

■ 16.6420, 0.4935,
0.2651


■ 44.7513, 0.3415,
0.3063

■ 15.4327, 0.5241,
0.2708


■ 53.7150, 0.3273,
0.3166


■ 14.9227, 0.5446,
0.2774

■ 64.0825, 0.3156,
0.3264

 75.9110, 0.3060,
0.3355

 89.2545, 0.2982,
0.3439

 92.6882, 0.2912,
0.3345

 93.0341, 0.2883,
0.3289

Harmonies

Analogous

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



25.6478, 0.3181, 0.2323



25.6478, 0.4036, 0.2761



25.6478, 0.4647, 0.3319

Triad

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



25.6478, 0.4036, 0.2761



25.6478, 0.3694, 0.4827



25.6478, 0.1715, 0.2351

Complementary

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



25.6478, 0.4036, 0.2761



53.7574, 0.2678, 0.3926

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.



25.6478, 0.1806, 0.2965



25.6478, 0.4036, 0.2761



25.6478, 0.2902, 0.4627

Square

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



25.6478, 0.4036, 0.2761



25.6478, 0.4377, 0.4490



25.6478, 0.2215, 0.3853



25.6478, 0.1920, 0.2073

Rectangle

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



25.6478, 0.4036, 0.2761



25.6478, 0.4780, 0.3720



25.6478, 0.2215, 0.3853



25.6478, 0.1711, 0.2517

Sweetspot

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



25.6491, 0.4036, 0.2761



75.1719, 0.3317, 0.3132



22.5786, 0.2716, 0.1852



15.4914, 0.3347, 0.3110



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.



25.6491, 0.4036, 0.2761



31.7575, 0.4338, 0.2683



26.8925, 0.4579, 0.3430



12.5000, 0.3231, 0.3200



9.0402, 0.5408, 0.2753



0.5613, 0.4945, 0.2498

Inverse Universe

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



25.6491, 0.4036, 0.2761



31.7575, 0.4338, 0.2683



50.1876, 0.2421, 0.3132



12.5000, 0.3231, 0.3200



9.0402, 0.5408, 0.2753



0.5613, 0.4945, 0.2498

Previews

White Background



This preview shows how the Yxy color 25.6478, 0.4036, 0.2761 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 25.6478, 0.4036, 0.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

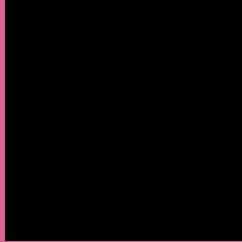
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6478, 0.4036, 0.2761

Background



This preview shows how black text looks on a background with the Yxy color 25.6478, 0.4036, 0.2761.



This preview shows how white text looks on a background with the Yxy color 25.6478, 0.4036, 0.2761.

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

25.6478, 0.4036, 0.2761

Protanopia

25.9907, 0.2792, 0.2809

Deuteranopia

25.8968, 0.3266, 0.3210



Tritanopia

25.6021, 0.4395, 0.3195

Trichromacy



Original Color

25.6478, 0.4036, 0.2761



Protanomaly

24.8867, 0.3175, 0.2765



Deuteranomaly

25.2329, 0.3539, 0.3012



Tritanomaly

25.6066, 0.4264, 0.3035

Monochromacy



Original Color

25.6478, 0.4036, 0.2761



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

25.0902, 0.3436, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6478, 0.4036, 0.2761 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(214, 101, 145)` looks like.

```
.text, #text, p{  
    color:rgb(214, 101, 145)  
}
```

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(214, 101, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 101, 145) }
```

Border

The CSS property to change the border of an element to Yxy 25.6478, 0.4036, 0.2761 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(214, 101, 145) }
```

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

```
.border{ border-color:rgb(214, 101, 145) }
```

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

Here you see how a box with a 4 pixel rgb(214, 101, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 101, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 101, 145);  
box-shadow:4px 4px 4px 4px rgb(214, 101,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6478, 0.4036, 0.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 101, 145) }
```

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

```
.background{ background-color: rgb(214,  
101, 145) }
```

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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