

Converting Colors

$Y_{xy}(27.5106, 0.3720, 0.2670)$

Have a look what the booklet for
Yxy(27.5106, 0.3720, 0.2670)
contains.

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Color

Yxy(27.3520, 0.3721, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	D06FA1
RGB	208, 111, 161
RGB Percent	82%, 44%, 63%
CMY	0.1843, 0.5647, 0.3686
CMYK	0.00, 0.47, 0.23, 0.18
HSL	329°, 51%, 63%
HSV	329°, 47%, 82%
XYZ	38.1329, 27.3520, 36.9954
YIQ	145.7030, 41.7620, 36.1140

Conversions

Conversions Part 2

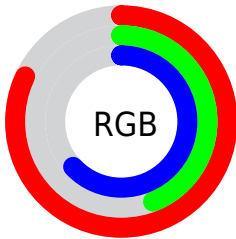
Format	Color
R_{YB}	208, 111, 161
Decimal	13660065
CIE Lab	59.30, 44.21, -9.73
CIE LCh	59, 45.267, 347.582
Yxy	27.3520, 0.3721, 0.2669
Android (android.graphics.Color)	4291850145 (0xFFD06FA1)
YUV	145.7030, 7.5414, 54.6345
Hunter-Lab	52.2991, 38.6264, -5.3312

Details

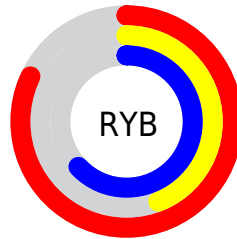
The Yxy color **27.3520, 0.3721, 0.2669** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.9640, 0.2788, 0.4027**, and the grayscale version is **28.5732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1281, 0.3496, 0.2768**, and **10.8114, 0.3923, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **22.9892, 0.3915, 0.2552**, and if you desaturate by 10%, it is **32.8029, 0.3552, 0.2801**.

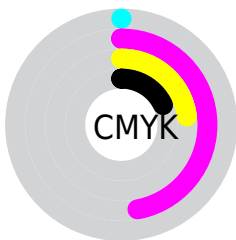
Distribution



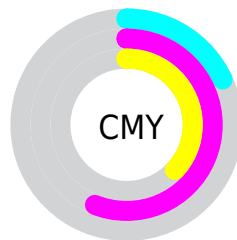
- Red (82%)
- Green (44%)
- Blue (63%)



- Red (82%)
- Yellow (44%)
- Blue (63%)



- Cyan (0%)
- Magenta (47%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3520, 0.3721, 0.2669 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 27.3520, 0.3721, 0.2669 by changing the saturation by 10% instead.

 27.3520, 0.3721,
0.2669


 27.3520, 0.3721,
0.2669


289.3574, 0.3406,
0.2991


 17.8378, 0.3806,
0.2585


 55.4482, 0.3602,
0.2789

 10.8336, 0.3919,
0.2475

 74.7990, 0.3559,
0.2833

 5.9550, 0.4075,
0.2324


 98.1973, 0.3523,
0.2870

 2.8178, 0.4308,
0.2109

 126.0277, 0.3492,
0.2902

 1.0373, 0.4686,
0.1776

158.6745, 0.3466,
0.2929

 0.0000, 0.6303,
0.0000

196.5222, 0.3443,

 0.0000, 0.0000,

0.2952

0.0000

239.9550, 0.3424,
0.2973

■ 27.3520, 0.3721,
0.2669

■ 27.3520, 0.3721,
0.2669

■ 22.9892, 0.3915,
0.2552

■ 32.8029, 0.3552,
0.2801

■ 19.6354, 0.4131,
0.2461

■ 39.4058, 0.3408,
0.2938

■ 17.2071, 0.4363,
0.2408


■ 47.2244, 0.3286,
0.3075


■ 15.6055, 0.4601,
0.2405

■ 56.3165, 0.3185,
0.3207


■ 14.7028, 0.4832,
0.2455


■ 66.7361, 0.3101,
0.3331

 14.4781, 0.4909,
0.2478

 78.5343, 0.3031,
0.3447

 90.7318, 0.2974,
0.3537

 91.3195, 0.2919,
0.3429

 91.9405, 0.2866,
0.3323

Harmonies

Analogous

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



27.3520, 0.2947, 0.2311



27.3520, 0.3721, 0.2669



27.3520, 0.4371, 0.3163

Triad

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



27.3520, 0.3721, 0.2669



27.3520, 0.3868, 0.4631



27.3520, 0.1825, 0.2583

Complementary

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



27.3520, 0.3721, 0.2669



50.9640, 0.2788, 0.4027

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.



27.3520, 0.2005, 0.3236



27.3520, 0.3721, 0.2669



27.3520, 0.3157, 0.4602

Square

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



27.3520, 0.3721, 0.2669



27.3520, 0.4418, 0.4254



27.3520, 0.2476, 0.4041



27.3520, 0.1932, 0.2227

Rectangle

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



27.3520, 0.3721, 0.2669



27.3520, 0.4595, 0.3530



27.3520, 0.2476, 0.4041



27.3520, 0.1853, 0.2770

Sweetspot

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



27.3533, 0.3721, 0.2669



78.2356, 0.3259, 0.3108



23.1804, 0.2666, 0.1984



16.1069, 0.3283, 0.3079



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.



27.3533, 0.3721, 0.2669



36.4304, 0.3915, 0.2552



25.9631, 0.4370, 0.3273



11.9086, 0.3211, 0.3171



9.0423, 0.4879, 0.2461



0.5216, 0.4491, 0.2247

Inverse Universe

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



27.3533, 0.3721, 0.2669



36.4304, 0.3915, 0.2552



52.9710, 0.2519, 0.3310



11.9086, 0.3211, 0.3171



9.0423, 0.4879, 0.2461



0.5216, 0.4491, 0.2247

Previews

White Background



This preview shows how the Yxy color 27.3520, 0.3721, 0.2669 looks on a white background.

Color Contrast Check

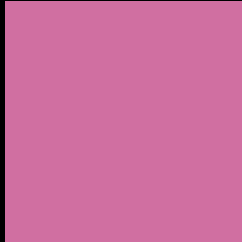
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3520, 0.3721, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

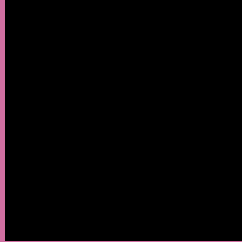
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3520, 0.3721, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 27.3520, 0.3721, 0.2669.



This preview shows how white text looks on a background with the Yxy color 27.3520, 0.3721, 0.2669.

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

27.3520, 0.3721, 0.2669

Protanopia

27.7099, 0.2681, 0.2674

Deuteranopia

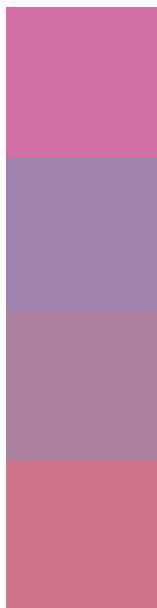
27.4448, 0.3086, 0.3025



Tritanopia

27.4424, 0.4117, 0.3190

Trichromacy



Original Color

27.3520, 0.3721, 0.2669

Protanomaly

26.7622, 0.3006, 0.2659

Deuteranomaly

26.9398, 0.3306, 0.2869

Tritanomaly

27.2474, 0.3971, 0.2985

Monochromacy



Original Color

27.3520, 0.3721, 0.2669

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.4444, 0.3343, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3520, 0.3721, 0.2669 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(208, 111, 161)` looks like.

```
.text, #text, p{  
    color:rgb(208, 111, 161)  
}
```

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(208, 111, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 111, 161) }
```

Border

The CSS property to change the border of an element to Yxy 27.3520, 0.3721, 0.2669 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(208, 111, 161) }
```

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

```
.border{ border-color:rgb(208, 111, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 111, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 111, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 111, 161);  
box-shadow:4px 4px 4px 4px rgb(208, 111,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3520, 0.3721, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 111, 161) }
```

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

```
.background{ background-color: rgb(208,  
111, 161) }
```

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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