

Converting Colors

$Y_{xy}(29.5168, 0.3662, 0.2682)$

Have a look what the booklet for
Yxy(29.5168, 0.3662, 0.2682)
contains.

| | |
|-------------------------------------------|----|
| Yxy(29.5958, 0.3663, 0.2689) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(29.5958, 0.3663, 0.2689)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D376A7 |
| RGB | 211, 118, 167 |
| RGB Percent | 83%, 46%, 65% |
| CMY | 0.1726, 0.5372, 0.3451 |
| CMYK | 0.00, 0.44, 0.21, 0.17 |
| HSL | 328°, 51%, 65% |
| HSV | 328°, 44%, 83% |
| XYZ | 40.3159, 29.5958, 40.1508 |
| YIQ | 151.3930, 39.6990, 34.9550 |

Conversions

Conversions Part 2

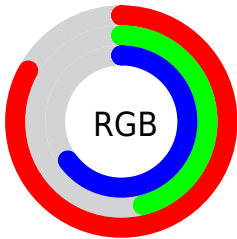
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 211, 118, 167 |
| Decimal | 13858471 |
| CIE _{Lab} | 61.30, 42.47, -10.14 |
| CIE _{LCh} | 61, 43.665, 346.576 |
| Yxy | 29.5958, 0.3663, 0.2689 |
| Android (android.graphics.Color) | 4292048551 (0xFFD376A7) |
| YUV | 151.3930, 7.6943, 52.2753 |
| Hunter-Lab | 54.4020, 37.0780, -5.6769 |

Details

The Yxy color **29.5958, 0.3663, 0.2689** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.0444, 0.2808, 0.3995**, and the grayscale version is **31.0796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0390, 0.3433, 0.2781**, and **12.0043, 0.3832, 0.2504** is the 20% darker color. If you saturate the color by 10%, you get **24.8158, 0.3846, 0.2564**, and if you desaturate by 10%, it is **35.5184, 0.3504, 0.2826**.

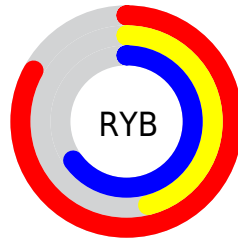
Distribution



Red (83%)

Green (46%)

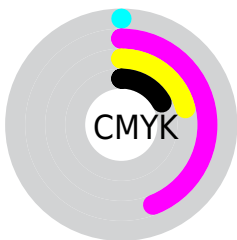
Blue (65%)



Red (83%)

Yellow (46%)

Blue (65%)

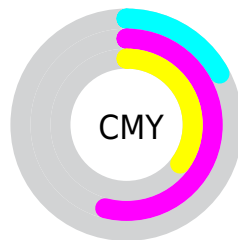


Cyan (0%)

Magenta (44%)

Yellow (21%)

Black (17%)



Cyan (17%)


Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5958, 0.3663, 0.2689 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 29.5958, 0.3663, 0.2689 by changing the saturation by 10% instead.


 29.5958, 0.3663,
0.2689


 29.5958, 0.3663,
0.2689


300.0158, 0.3383,
0.2997


 19.5320, 0.3737,
0.2610


 59.0224, 0.3558,
0.2803

 12.0553, 0.3835,
0.2507


 79.1539, 0.3520,
0.2845

 6.7814, 0.3969,
0.2367


 103.4102, 0.3487,
0.2881

 3.3257, 0.4166,
0.2170

132.1755, 0.3460,
0.2911

 1.3041, 0.4478,
0.1869

165.8344, 0.3437,
0.2937

 0.1443, 0.5470,
0.0647

204.7711, 0.3416,

 0.0000, 1.0000,

0.2960

0.0000

249.3701, 0.3398,
0.2980

0.0000, 0.0000,
0.0000

29.5958, 0.3663,
0.2689

29.5958, 0.3663,
0.2689

24.8158, 0.3846,
0.2564

35.5184, 0.3504,
0.2826

21.0987, 0.4051,
0.2463

42.6481, 0.3369,
0.2967

18.3608, 0.4273,
0.2397


51.0495, 0.3256,
0.3105


16.5042, 0.4504,
0.2378

60.7813, 0.3161,
0.3238

15.4099, 0.4731,
0.2413

71.8987, 0.3082,
0.3363

 14.9993, 0.4863,
0.2452

 84.4535, 0.3017,
0.3479

 91.4743, 0.2962,
0.3479

 92.0737, 0.2909,
0.3374

 92.5874, 0.2866,
0.3289

Harmonies

Analogous

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



29.5958, 0.2937, 0.2352



29.5958, 0.3663, 0.2689



29.5958, 0.4280, 0.3158

Triad

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



29.5958, 0.3663, 0.2689



29.5958, 0.3855, 0.4547



29.5958, 0.1893, 0.2644

Complementary

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



29.5958, 0.3663, 0.2689



53.0444, 0.2808, 0.3995

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.



29.5958, 0.2077, 0.3269



29.5958, 0.3663, 0.2689



29.5958, 0.3185, 0.4524

Square

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



29.5958, 0.3663, 0.2689



29.5958, 0.4361, 0.4194



29.5958, 0.2535, 0.4016



29.5958, 0.1986, 0.2292

Rectangle

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



29.5958, 0.3663, 0.2689



29.5958, 0.4501, 0.3508



29.5958, 0.2535, 0.4016



29.5958, 0.1923, 0.2825

Sweetspot

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



29.5972, 0.3663, 0.2689



79.6738, 0.3246, 0.3118



25.2809, 0.2683, 0.2054



16.3912, 0.3269, 0.3087



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.



29.5972, 0.3663, 0.2689



38.4216, 0.3836, 0.2570



28.1901, 0.4249, 0.3255



11.9109, 0.3209, 0.3168



9.0739, 0.4831, 0.2435



0.5233, 0.4454, 0.2227

Inverse Universe

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



29.5972, 0.3663, 0.2689



38.4216, 0.3836, 0.2570



54.9847, 0.2552, 0.3330



11.9109, 0.3209, 0.3168



9.0739, 0.4831, 0.2435



0.5233, 0.4454, 0.2227

Previews

White Background



This preview shows how the Yxy color 29.5958, 0.3663, 0.2689 looks on a white background.

Color Contrast Check

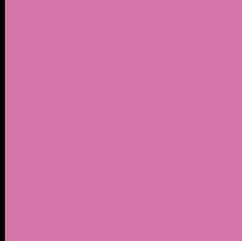
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5958, 0.3663, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

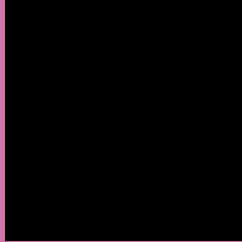
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5958, 0.3663, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 29.5958, 0.3663, 0.2689.



This preview shows how white text looks on a background with the Yxy color 29.5958, 0.3663, 0.2689.

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

29.5958, 0.3663, 0.2689

Protanopia

29.9016, 0.2710, 0.2706

Deuteranopia

29.6231, 0.3078, 0.3019



Tritanopia

29.5464, 0.4020, 0.3165

Trichromacy



Original Color

29.5958, 0.3663, 0.2689

Protanomaly

28.8623, 0.3010, 0.2677

Deuteranomaly

29.2384, 0.3277, 0.2880

Tritanomaly

29.5497, 0.3888, 0.2989

Monochromacy



Original Color

29.5958, 0.3663, 0.2689

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.7838, 0.3313, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5958, 0.3663, 0.2689 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(211, 118, 167)` looks like.

```
.text, #text, p{  
    color:rgb(211, 118, 167)  
}
```

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(211, 118, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 118, 167) }
```

Border

The CSS property to change the border of an element to Yxy 29.5958, 0.3663, 0.2689 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(211, 118, 167) }
```

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

```
.border{ border-color:rgb(211, 118, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 118, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 118, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 118, 167);  
box-shadow:4px 4px 4px 4px rgb(211, 118,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5958, 0.3663, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 118, 167) }
```

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

```
.background{ background-color: rgb(211,  
118, 167) }
```

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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