

Converting Colors

$Y_{xy}(30.0406, 0.3795, 0.2730)$

Have a look what the booklet for
Yxy(30.0406, 0.3795, 0.2730)
contains.

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Color

Yxy(30.0406, 0.3795, 0.2730)

Conversions

Conversions Part 1

Format	Color
Hex	DA74A3
RGB	218, 116, 163
RGB Percent	85%, 45%, 64%
CMY	0.1452, 0.5450, 0.3609
CMYK	0.00, 0.47, 0.25, 0.15
HSL	332°, 58%, 65%
HSV	332°, 47%, 85%
XYZ	41.7597, 30.0406, 38.2385
YIQ	151.8560, 45.7050, 36.2410

Conversions

Conversions Part 2

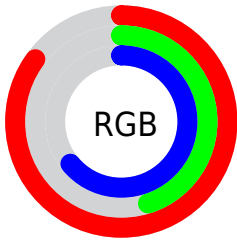
Format	Color
R _Y B	218, 116, 163
Decimal	14316707
CIE Lab	61.69, 45.24, -7.16
CIE LCh	62, 45.806, 351.009
Yxy	30.0406, 0.3795, 0.2730
Android (android.graphics.Color)	4292506787 (0xFFDA74A3)
YUV	151.8560, 5.4940, 58.0083
Hunter-Lab	54.8093, 40.0846, -2.9980

Details

The Yxy color **30.0406, 0.3795, 0.2730** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.7793, 0.2755, 0.3948**, and the grayscale version is **31.2978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0714, 0.3471, 0.2800**, and **12.2798, 0.4029, 0.2558** is the 20% darker color. If you saturate the color by 10%, you get **25.1891, 0.4017, 0.2626**, and if you desaturate by 10%, it is **36.1130, 0.3603, 0.2849**.

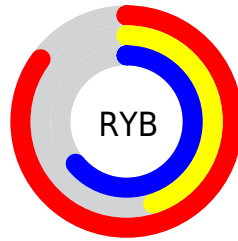
Distribution



Red (85%)

Green (45%)

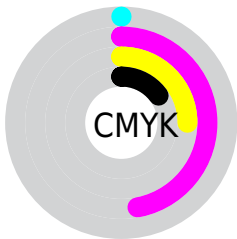
Blue (64%)



Red (85%)

Yellow (45%)

Blue (64%)

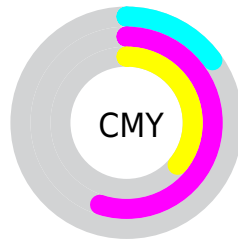


Cyan (0%)

Magenta (47%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (55%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0406, 0.3795, 0.2730 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 30.0406, 0.3795, 0.2730 by changing the saturation by 10% instead.


 30.0406, 0.3795,
0.2730


 30.0406, 0.3795,
0.2730


302.0937, 0.3443,
0.3019


 19.8694, 0.3889,
0.2655


 59.7264, 0.3663,
0.2837

 12.3002, 0.4013,
0.2557


 80.0098, 0.3614,
0.2877

 6.9484, 0.4185,
0.2424


 104.4326, 0.3574,
0.2910

 3.4299, 0.4438,
0.2234

133.3794, 0.3540,
0.2938

 1.3601, 0.4842,
0.1942

167.2346, 0.3510,
0.2963

 0.1870, 0.6048,
0.0829

206.3824, 0.3485,


 0.0000, 1.0000,


0.2984


0.0000


251.2073, 0.3463,
0.3003


 0.0000, 0.0000,
0.0000

 30.0406, 0.3795,
0.2730

 30.0406, 0.3795,
0.2730


 25.1891, 0.4017,
0.2626


 36.1130, 0.3603,
0.2849


 21.4695, 0.4265,
0.2548


 43.4784, 0.3440,
0.2972


 18.7873, 0.4533,
0.2509

 52.2087, 0.3305,
0.3095

 17.0308, 0.4806,
0.2519

 62.3689, 0.3192,
0.3214

 16.0561, 0.5068,
0.2584

 74.0200, 0.3099,
0.3325

■ 15.8272, 0.5151,
0.2611

■ 87.2194, 0.3023,
0.3429

■ 93.0293, 0.2958,
0.3389

■ 93.6395, 0.2905,
0.3289

Harmonies

Analogous

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



30.0406, 0.3035, 0.2358



30.0406, 0.3795, 0.2730



30.0406, 0.4399, 0.3227

Triad

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



30.0406, 0.3795, 0.2730



30.0406, 0.3783, 0.4628



30.0406, 0.1844, 0.2542

Complementary

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



30.0406, 0.3795, 0.2730



56.7793, 0.2755, 0.3948

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.



30.0406, 0.1989, 0.3153



30.0406, 0.3795, 0.2730



30.0406, 0.3077, 0.4536

Square

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



30.0406, 0.3795, 0.2730



30.0406, 0.4348, 0.4294



30.0406, 0.2423, 0.3940



30.0406, 0.1981, 0.2223

Rectangle

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



30.0406, 0.3795, 0.2730



30.0406, 0.4584, 0.3592



30.0406, 0.2423, 0.3940



30.0406, 0.1861, 0.2714

Sweetspot

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



30.0421, 0.3795, 0.2730



78.1209, 0.3273, 0.3127



26.1491, 0.2711, 0.1993



16.0790, 0.3299, 0.3101



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.



30.0421, 0.3795, 0.2730



36.1057, 0.4010, 0.2628



29.4582, 0.4381, 0.3335



13.1508, 0.3220, 0.3183



9.5071, 0.5116, 0.2592



0.6332, 0.4725, 0.2377

Inverse Universe

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



30.0421, 0.3795, 0.2730



36.1057, 0.4010, 0.2628



57.1546, 0.2500, 0.3243



13.1508, 0.3220, 0.3183



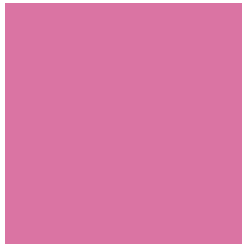
9.5071, 0.5116, 0.2592



0.6332, 0.4725, 0.2377

Previews

White Background



This preview shows how the Yxy color 30.0406, 0.3795, 0.2730 looks on a white background.

Color Contrast Check

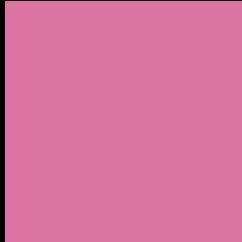
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0406, 0.3795, 0.2730 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 ✓ Pass

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

Yxy 30.0406, 0.3795, 0.2730

Background



This preview shows how black text looks on a background with the Yxy color 30.0406, 0.3795, 0.2730.



This preview shows how white text looks on a background with the Yxy color 30.0406, 0.3795, 0.2730.

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

30.0406, 0.3795, 0.2730

Protanopia

30.3032, 0.2745, 0.2752

Deuteranopia

30.1930, 0.3157, 0.3095



Tritanopia

30.0048, 0.4145, 0.3182

Trichromacy



Original Color

30.0406, 0.3795, 0.2730



Protanomaly

29.1779, 0.3080, 0.2723



Deuteranomaly

29.4120, 0.3376, 0.2927



Tritanomaly

30.0150, 0.4012, 0.3011

Monochromacy



Original Color

30.0406, 0.3795, 0.2730



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

30.0956, 0.3356, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0406, 0.3795, 0.2730 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(218, 116, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 116, 163)  
}
```

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(218, 116, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 116, 163) }
```

Border

The CSS property to change the border of an element to Yxy 30.0406, 0.3795, 0.2730 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(218, 116, 163) }
```

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

```
.border{ border-color:rgb(218, 116, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 116, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 116, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 116, 163);  
box-shadow:4px 4px 4px 4px rgb(218, 116,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0406, 0.3795, 0.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 116, 163) }
```

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

```
.background{ background-color: rgb(218,  
116, 163) }
```

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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