

Converting Colors

$Y_{xy}(30.1942, 0.3802, 0.2715)$

Have a look what the booklet for
Yxy(30.1942, 0.3802, 0.2715)
contains.

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Color

Yxy(30.1574, 0.3808, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	DC73A4
RGB	220, 115, 164
RGB Percent	86%, 45%, 64%
CMY	0.1372, 0.5490, 0.3570
CMYK	0.00, 0.48, 0.25, 0.14
HSL	332°, 60%, 66%
HSV	332°, 48%, 86%
XYZ	42.3449, 30.1574, 38.6975
YIQ	151.9810, 46.8510, 37.4990

Conversions

Conversions Part 2

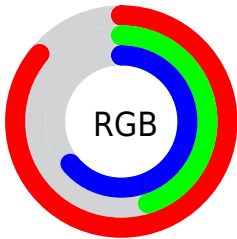
Format	Color
RYB	220, 115, 164
Decimal	14447524
CIELab	61.79, 46.58, -7.55
CIELCh	62, 47.184, 350.796
Yxy	30.1574, 0.3808, 0.2712
Android (android.graphics.Color)	4292637604 (0xFFDC73A4)
YUV	151.9810, 5.9254, 59.6527
Hunter-Lab	54.9158, 41.5367, -3.3389

Details

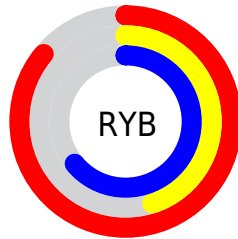
The Yxy color **30.1574, 0.3808, 0.2712** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.7744, 0.2753, 0.3974**, and the grayscale version is **31.3504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7504, 0.3463, 0.2780**, and **12.2965, 0.4029, 0.2534** is the 20% darker color. If you saturate the color by 10%, you get **25.3208, 0.4030, 0.2609**, and if you desaturate by 10%, it is **36.2332, 0.3615, 0.2831**.

Distribution



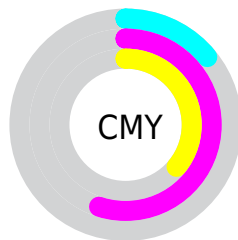
- Red (86%)
- Green (45%)
- Blue (64%)



- Red (86%)
- Yellow (45%)
- Blue (64%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (14%)



- Cyan (14%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1574, 0.3808, 0.2712 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 30.1574, 0.3808, 0.2712 by changing the saturation by 10% instead.


 30.1574, 0.3808,
0.2712


 30.1574, 0.3808,
0.2712


302.6374, 0.3450,
0.3010


 19.9581, 0.3903,
0.2635


 59.9110, 0.3674,
0.2822

 12.3646, 0.4029,
0.2535


 80.2341, 0.3624,
0.2863

 6.9925, 0.4203,
0.2399


 104.7006, 0.3583,
0.2897

 3.4574, 0.4458,
0.2206

133.6948, 0.3548,
0.2926

 1.3749, 0.4864,
0.1910

167.6012, 0.3519,
0.2952

 0.1981, 0.6019,
0.0838

206.8042, 0.3493,

 0.0000, 1.0000,

0.2973

0.0000


251.6881, 0.3470,
0.2993


 0.0000, 0.0000,
0.0000


 30.1574, 0.3808,
0.2712


 30.1574, 0.3808,
0.2712


 25.3208, 0.4030,
0.2609


 36.2332, 0.3615,
0.2831


 21.6315, 0.4278,
0.2532


 43.6229, 0.3452,
0.2956


 18.9916, 0.4543,
0.2496


 52.4003, 0.3315,
0.3081


 17.2847, 0.4812,
0.2511

 62.6324, 0.3201,
0.3202


 16.3501, 0.5070,
0.2580

 74.3821, 0.3107,
0.3315

 16.1870, 0.5128,
0.2598

 87.7082, 0.3030,
0.3421

 93.3992, 0.2965,
0.3380

 93.9559, 0.2917,
0.3289

Harmonies

Analogous

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



30.1574, 0.3026, 0.2334



30.1574, 0.3808, 0.2712



30.1574, 0.4433, 0.3219

Triad

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



30.1574, 0.3808, 0.2712



30.1574, 0.3801, 0.4664



30.1574, 0.1814, 0.2523

Complementary

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



30.1574, 0.3808, 0.2712



57.7744, 0.2753, 0.3974

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.



30.1574, 0.1962, 0.3152



30.1574, 0.3808, 0.2712



30.1574, 0.3078, 0.4578

Square

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



30.1574, 0.3808, 0.2712



30.1574, 0.4382, 0.4312



30.1574, 0.2406, 0.3965



30.1574, 0.1951, 0.2198

Rectangle

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



30.1574, 0.3808, 0.2712



30.1574, 0.4624, 0.3591



30.1574, 0.2406, 0.3965



30.1574, 0.1831, 0.2700

Sweetspot

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



30.1589, 0.3808, 0.2712



78.1329, 0.3271, 0.3125



26.0896, 0.2699, 0.1965



16.0819, 0.3297, 0.3099



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.



30.1589, 0.3808, 0.2712



35.5281, 0.4024, 0.2611



29.5311, 0.4422, 0.3335



13.1521, 0.3219, 0.3181



9.5220, 0.5091, 0.2578



0.6342, 0.4705, 0.2366

Inverse Universe

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



30.1589, 0.3808, 0.2712



35.5281, 0.4024, 0.2611



58.1820, 0.2490, 0.3242



13.1521, 0.3219, 0.3181



9.5220, 0.5091, 0.2578



0.6342, 0.4705, 0.2366

Previews

White Background



This preview shows how the Yxy color 30.1574, 0.3808, 0.2712 looks on a white background.

Color Contrast Check

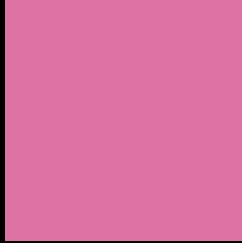
Large Text (above 18pt) WCAG AA × Fail

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 30.1574, 0.3808, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

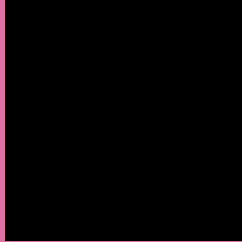
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1574, 0.3808, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 30.1574, 0.3808, 0.2712.



This preview shows how white text looks on a background with the Yxy color 30.1574, 0.3808, 0.2712.

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

30.1574, 0.3808, 0.2712

Protanopia

30.3877, 0.2729, 0.2724

Deuteranopia

30.2276, 0.3147, 0.3081



Tritanopia

30.2825, 0.4179, 0.3196

Trichromacy



Original Color

30.1574, 0.3808, 0.2712

Protanomaly

29.3687, 0.3071, 0.2699

Deuteranomaly

29.5685, 0.3376, 0.2915

Tritanomaly

30.0521, 0.4051, 0.3014

Monochromacy



Original Color

30.1574, 0.3808, 0.2712

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2126, 0.3367, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1574, 0.3808, 0.2712 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(220, 115, 164)` looks like.

```
.text, #text, p{  
    color:rgb(220, 115, 164)  
}
```

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(220, 115, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 115, 164) }
```

Border

The CSS property to change the border of an element to Yxy 30.1574, 0.3808, 0.2712 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(220, 115, 164) }
```

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

```
.border{ border-color:rgb(220, 115, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 115, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 115, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 115, 164);  
box-shadow:4px 4px 4px 4px rgb(220, 115,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1574, 0.3808, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 115, 164) }
```

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

```
.background{ background-color: rgb(220,  
115, 164) }
```

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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