

Converting Colors

$Y_{xy}(24.0177, 0.4081, 0.2607)$

Have a look what the booklet for
Yxy(24.0177, 0.4081, 0.2607)
contains.

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Color

Yxy(24.0346, 0.4069, 0.2606)

Conversions

Conversions Part 1

Format	Color
Hex	D95994
RGB	217, 89, 148
RGB Percent	85%, 35%, 58%
CMY	0.1491, 0.6509, 0.4197
CMYK	0.00, 0.59, 0.32, 0.15
HSL	332°, 63%, 60%
HSV	332°, 59%, 85%
XYZ	37.5275, 24.0346, 30.6658
YIQ	133.9980, 57.3490, 45.4850

Conversions

Conversions Part 2

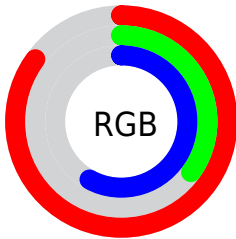
Format	Color
R _Y B	217, 89, 148
Decimal	14244244
CIE Lab	56.12, 55.94, -6.75
CIE LCh	56, 56.343, 353.121
Yxy	24.0346, 0.4069, 0.2606
Android (android.graphics.Color)	4292434324 (0xFFD95994)
YUV	133.9980, 6.9030, 72.7928
Hunter-Lab	49.0251, 50.8436, -2.7690

Details

The Yxy color **24.0346, 0.4069, 0.2606** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **54.2128, 0.2694, 0.4161**, and the grayscale version is **23.8005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4708, 0.3667, 0.2695**, and **9.0109, 0.4408, 0.2379** is the 20% darker color. If you saturate the color by 10%, you get **20.5881, 0.4322, 0.2535**, and if you desaturate by 10%, it is **28.5851, 0.3841, 0.2706**.

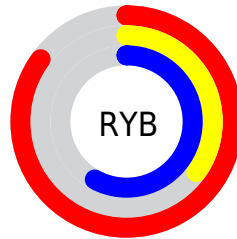
Distribution



Red (85%)

Green (35%)

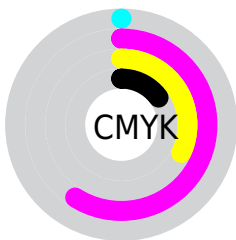
Blue (58%)



Red (85%)

Yellow (35%)

Blue (58%)

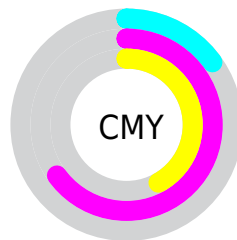


Cyan (0%)

Magenta (59%)

Yellow (32%)

Black (15%)



Cyan (15%)


Magenta (65%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0346, 0.4069, 0.2606 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 24.0346, 0.4069, 0.2606 by changing the saturation by 10% instead.


 24.0346, 0.4069,
0.2606


 24.0346, 0.4069,
0.2606


272.9954, 0.3556,
0.2970


 15.3593, 0.4212,
0.2508


 50.0867, 0.3872,
0.2743


 9.0719, 0.4404,
0.2378


 68.2322, 0.3801,
0.2794

 4.7881, 0.4677,
0.2198


 90.3033, 0.3743,
0.2835

 2.1235, 0.5090,
0.1935

 116.6842, 0.3694,
0.2870

 0.6778, 0.5797,
0.1492

147.7596, 0.3652,
0.2901

 0.0000, 0.9954,
0.0000

183.9136, 0.3616,

 0.0000, 0.0000,

0.2927

0.0000

225.5307, 0.3584,
0.2950

■ 24.0346, 0.4069,
0.2606

■ 24.0346, 0.4069,
0.2606

■ 20.5881, 0.4322,
0.2535

■ 28.5851, 0.3841,
0.2706

■ 18.1441, 0.4592,
0.2506

■ 34.3218, 0.3643,
0.2822

■ 16.5889, 0.4864,
0.2529

■ 41.3233, 0.3474,
0.2945

■ 15.7405, 0.5123,
0.2602

■ 49.6602, 0.3332,
0.3069

■ 15.6685, 0.5150,
0.2611

■ 59.3981, 0.3215,
0.3188

■ 70.5981, 0.3118,
0.3301

■ 83.3176, 0.3038,
0.3407

■ 92.6558, 0.2972,
0.3428

■ 93.3802, 0.2909,
0.3307

Harmonies

Analogous

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



24.0346, 0.3057, 0.2143



24.0346, 0.4069, 0.2606



24.0346, 0.4847, 0.3211

Triad

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



24.0346, 0.4069, 0.2606



24.0346, 0.3851, 0.5056



24.0346, 0.1520, 0.2259

Complementary

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



24.0346, 0.4069, 0.2606



54.2128, 0.2694, 0.4161

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.



24.0346, 0.1652, 0.3003



24.0346, 0.4069, 0.2606



24.0346, 0.2949, 0.4964

Square

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



24.0346, 0.4069, 0.2606



24.0346, 0.4618, 0.4556



24.0346, 0.2144, 0.4090



24.0346, 0.1709, 0.1920

Rectangle

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



24.0346, 0.4069, 0.2606



24.0346, 0.5040, 0.3652



24.0346, 0.2144, 0.4090



24.0346, 0.1527, 0.2459

Sweetspot

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



24.0358, 0.4069, 0.2606



72.6369, 0.3322, 0.3078



19.3537, 0.2565, 0.1651



14.7378, 0.3360, 0.3043



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.



24.0358, 0.4069, 0.2606



28.5972, 0.4394, 0.2523



23.3512, 0.4918, 0.3343



13.1508, 0.3220, 0.3183



9.5073, 0.5115, 0.2592



0.6332, 0.4725, 0.2376

Inverse Universe

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



24.0358, 0.4069, 0.2606



28.5972, 0.4394, 0.2523



54.5814, 0.2389, 0.3230



13.1508, 0.3220, 0.3183



9.5073, 0.5115, 0.2592



0.6332, 0.4725, 0.2376

Previews

White Background



This preview shows how the Yxy color 24.0346, 0.4069, 0.2606 looks on a white background.

Color Contrast Check

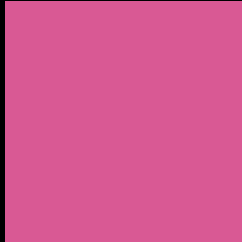
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0346, 0.4069, 0.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

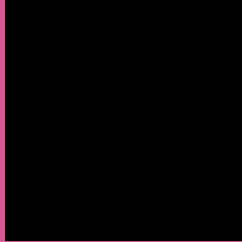
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0346, 0.4069, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 24.0346, 0.4069, 0.2606.

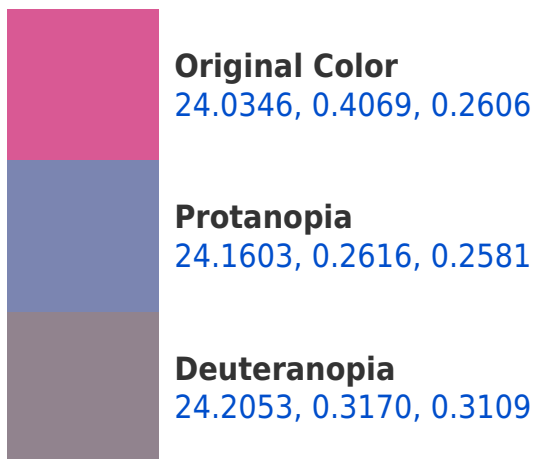


This preview shows how white text looks on a background with the Yxy color 24.0346, 0.4069, 0.2606.

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





Tritanopia

23.9014, 0.4616, 0.3211

Trichromacy



Original Color

24.0346, 0.4069, 0.2606



Protanomaly

22.6439, 0.3057, 0.2550



Deuteranomaly

23.1623, 0.3483, 0.2873



Tritanomaly

23.8610, 0.4411, 0.2984

Monochromacy



Original Color

24.0346, 0.4069, 0.2606



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.7135, 0.3454, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0346, 0.4069, 0.2606 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(217, 89, 148)` looks like.

```
.text, #text, p{  
    color:rgb(217, 89, 148)  
}
```

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(217, 89, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 148) }
```

Border

The CSS property to change the border of an element to Yxy 24.0346, 0.4069, 0.2606 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(217, 89, 148) }
```

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

```
.border{ border-color:rgb(217, 89, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 89, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 89, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 89, 148);  
box-shadow:4px 4px 4px 4px rgb(217, 89,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0346, 0.4069, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 89, 148) }
```

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

```
.background{ background-color: rgb(217, 89,  
148) }
```

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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