

Converting Colors

$Y_{xy}(24.0560, 0.4498, 0.2971)$

Have a look what the booklet for
Yxy(24.0560, 0.4498, 0.2971)
contains.

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Color

Yxy(24.0704, 0.4498, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	DB5C78
RGB	219, 92, 120
RGB Percent	86%, 36%, 47%
CMY	0.1412, 0.6392, 0.5295
CMYK	0.00, 0.58, 0.45, 0.14
HSL	347°, 64%, 61%
HSV	347°, 58%, 86%
XYZ	36.4296, 24.0704, 20.4906
YIQ	133.1650, 66.7040, 35.6320

Conversions

Conversions Part 2

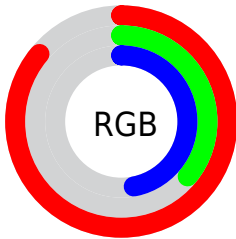
Format	Color
R_{YB}	219, 92, 120
Decimal	14376056
CIE _{Lab}	56.16, 52.17, 9.80
CIE _{LCh}	56, 53.082, 10.638
Yxy	24.0704, 0.4498, 0.2972
Android (android.graphics.Color)	4292566136 (0xFFDB5C78)
YUV	133.1650, -6.4903, 75.2773
Hunter-Lab	49.0616, 46.6833, 9.5806

Details

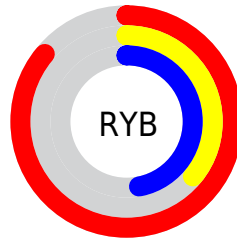
The Yxy color **24.0704, 0.4498, 0.2972** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **56.7004, 0.2542, 0.3681**, and the grayscale version is **23.5257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1060, 0.3972, 0.3030**, and **9.0409, 0.5000, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **20.4315, 0.4888, 0.2950**, and if you desaturate by 10%, it is **28.8822, 0.4149, 0.3015**.

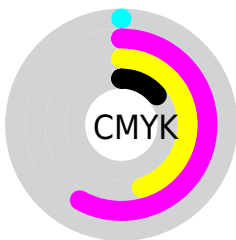
Distribution



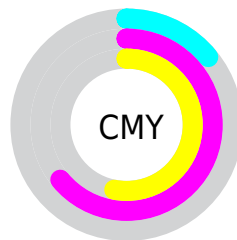
- Red (86%)
- Green (36%)
- Blue (47%)



- Red (86%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (14%)





- Cyan (14%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0704, 0.4498, 0.2972 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 24.0704, 0.4498, 0.2972 by changing the saturation by 10% instead.


 24.0704, 0.4498,
0.2972


 24.0704, 0.4498,
0.2972


273.1762, 0.3735,
0.3167


 15.3859, 0.4715,
0.2909


 50.1451, 0.4201,
0.3053


 9.0906, 0.5010,
0.2819


 68.3040, 0.4096,
0.3080

 4.8003, 0.5431,
0.2680

 90.3898, 0.4009,
0.3102

 2.1306, 0.6066,
0.2448

 116.7869, 0.3936,
0.3119

 0.6818, 0.7682,
0.2139

147.8797, 0.3875,
0.3134

 0.0000, 1.0000,
0.0000

184.0526, 0.3822,

 0.0000, 0.0000,

0.3147

0.0000

225.6899, 0.3776,
0.3157

■ 24.0704, 0.4498,
0.2972

■ 24.0704, 0.4498,
0.2972

■ 20.4315, 0.4888,
0.2950

■ 28.8822, 0.4149,
0.3015

■ 17.8602, 0.5295,
0.2960

■ 34.9524, 0.3850,
0.3070

■ 16.2391, 0.5676,
0.3007


■ 42.3632, 0.3602,
0.3130


■ 15.4006, 0.5989,
0.3087


■ 51.1884, 0.3400,
0.3189

■ 15.2752, 0.6043,
0.3103

■ 61.4966, 0.3235,
0.3247

 73.3518, 0.3103,
0.3300

 86.8144, 0.2995,
0.3350

 93.7997, 0.2911,
0.3289

Harmonies

Analogous

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



24.0704, 0.3622, 0.2435



24.0704, 0.4498, 0.2972



24.0704, 0.4927, 0.3598

Triad

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



24.0704, 0.4498, 0.2972



24.0704, 0.3330, 0.4990



24.0704, 0.1662, 0.2082

Complementary

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



24.0704, 0.4498, 0.2972



56.7004, 0.2542, 0.3681

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.



24.0704, 0.1608, 0.2565



24.0704, 0.4498, 0.2972



24.0704, 0.2494, 0.4444

Square

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



24.0704, 0.4498, 0.2972



24.0704, 0.4158, 0.4816



24.0704, 0.1880, 0.3431



24.0704, 0.2023, 0.1939

Rectangle

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



24.0704, 0.4498, 0.2972



24.0704, 0.4879, 0.4033



24.0704, 0.1880, 0.3431



24.0704, 0.1610, 0.2201

Sweetspot

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



24.0717, 0.4498, 0.2972



73.4033, 0.3385, 0.3194



23.6365, 0.2879, 0.1805



15.1278, 0.3422, 0.3182



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.



24.0717, 0.4498, 0.2972



27.7549, 0.4995, 0.2949



30.7222, 0.4631, 0.3687



13.0983, 0.3257, 0.3239



9.0711, 0.6009, 0.3084



0.6007, 0.5548, 0.2830

Inverse Universe

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



24.0717, 0.4498, 0.2972



27.7549, 0.4995, 0.2949



42.1446, 0.2304, 0.2809



13.0983, 0.3257, 0.3239



9.0711, 0.6009, 0.3084



0.6007, 0.5548, 0.2830

Previews

White Background



This preview shows how the Yxy color 24.0704, 0.4498, 0.2972 looks on a white background.

Color Contrast Check

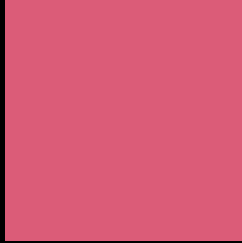
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0704, 0.4498, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

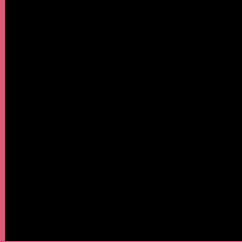
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0704, 0.4498, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 24.0704, 0.4498, 0.2972.



This preview shows how white text looks on a background with the Yxy color 24.0704, 0.4498, 0.2972.

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

24.0704, 0.4498, 0.2972

Protanopia

24.1843, 0.3046, 0.3138

Deuteranopia

24.2481, 0.3622, 0.3552



Tritanopia

24.0492, 0.4733, 0.3215

Trichromacy



Original Color

24.0704, 0.4498, 0.2972

Protanomaly

23.0499, 0.3526, 0.3045

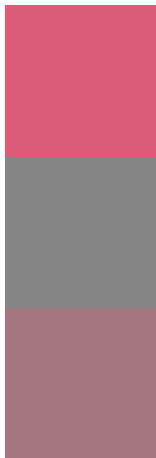
Deuteranomaly

23.3354, 0.3949, 0.3292

Tritanomaly

24.0150, 0.4638, 0.3122

Monochromacy



Original Color

24.0704, 0.4498, 0.2972

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.4079, 0.3593, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0704, 0.4498, 0.2972 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(219, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(219, 92, 120)  
}
```

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(219, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 92, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.0704, 0.4498, 0.2972 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(219, 92, 120) }
```

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

```
.border{ border-color:rgb(219, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(219, 92,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0704, 0.4498, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 92, 120) }
```

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

```
.background{ background-color: rgb(219, 92,  
120) }
```

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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