

Converting Colors

$Y_{xy}(23.7594, 0.4258, 0.2669)$

Have a look what the booklet for
Yxy(23.7594, 0.4258, 0.2669)
contains.

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Color

Yxy(23.7626, 0.4249, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	DD558C
RGB	221, 85, 140
RGB Percent	87%, 33%, 55%
CMY	0.1333, 0.6666, 0.4510
CMYK	0.00, 0.62, 0.37, 0.13
HSL	336°, 67%, 60%
HSV	336°, 62%, 87%
XYZ	37.8013, 23.7626, 27.4013
YIQ	131.9340, 63.4010, 45.9370

Conversions

Conversions Part 2

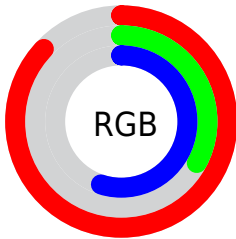
Format	Color
R_{YB}	221, 85, 140
Decimal	14505356
CIE _{Lab}	55.85, 58.00, -2.39
CIE _{LCh}	56, 58.053, 357.639
Yxy	23.7626, 0.4249, 0.2671
Android (android.graphics.Color)	4292695436 (0xFFDD558C)
YUV	131.9340, 3.9765, 78.1109
Hunter-Lab	48.7469, 53.1127, 0.7951

Details

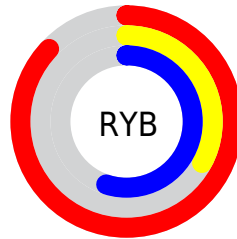
The Yxy color **23.7626, 0.4249, 0.2671** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **56.4007, 0.2645, 0.4089**, and the grayscale version is **23.0185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1600, 0.3766, 0.2754**, and **8.9559, 0.4665, 0.2455** is the 20% darker color. If you saturate the color by 10%, you get **20.4451, 0.4543, 0.2623**, and if you desaturate by 10%, it is **28.2154, 0.3983, 0.2751**.

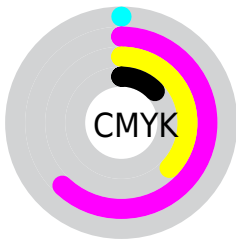
Distribution



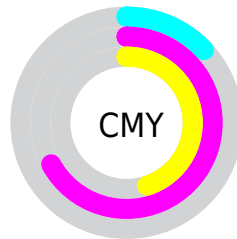
- Red (87%)
- Green (33%)
- Blue (55%)



- Red (87%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (62%)
- Yellow (37%)
- Black (13%)




- Cyan (13%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7626, 0.4249, 0.2671 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 23.7626, 0.4249, 0.2671 by changing the saturation by 10% instead.


 23.7626, 0.4249,
0.2671


 23.7626, 0.4249,
0.2671


271.6181, 0.3633,
0.3008


 15.1576, 0.4422,
0.2578


 49.6425, 0.4011,
0.2800


 8.9301, 0.4657,
0.2452


 67.6862, 0.3926,
0.2846

 4.6956, 0.4992,
0.2276

 89.6450, 0.3856,
0.2885

 2.0698, 0.5501,
0.2011

 115.9032, 0.3797,
0.2917

 0.6476, 0.6381,
0.1542

146.8452, 0.3746,
0.2945

 0.0000, 1.0000,
0.0000

182.8554, 0.3703,

 0.0000, 0.0000,

0.2969

0.0000

224.3182, 0.3666,
0.2989

■ 23.7626, 0.4249,
0.2671

■ 23.7626, 0.4249,
0.2671

■ 20.4451, 0.4543,
0.2623

■ 28.2154, 0.3983,
0.2751

■ 18.1524, 0.4850,
0.2618

■ 33.8927, 0.3751,
0.2850

■ 16.7583, 0.5151,
0.2667

■ 40.8793, 0.3554,
0.2958

■ 16.1001, 0.5389,
0.2742

■ 49.2511, 0.3390,
0.3067

■ 59.0782, 0.3254,
0.3174

■ 70.4261, 0.3142,
0.3275

■ 83.3560, 0.3051,
0.3369

■ 93.5045, 0.2975,
0.3388

■ 94.1128, 0.2923,
0.3289

Harmonies

Analogous

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



23.7626, 0.3206, 0.2170



23.7626, 0.4249, 0.2671



23.7626, 0.4975, 0.3302

Triad

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



23.7626, 0.4249, 0.2671



23.7626, 0.3727, 0.5151



23.7626, 0.1487, 0.2149

Complementary

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



23.7626, 0.4249, 0.2671



56.4007, 0.2645, 0.4089

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.



23.7626, 0.1568, 0.2844



23.7626, 0.4249, 0.2671



23.7626, 0.2799, 0.4939

Square

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



23.7626, 0.4249, 0.2671



23.7626, 0.4553, 0.4681



23.7626, 0.2011, 0.3941



23.7626, 0.1728, 0.1861

Rectangle

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



23.7626, 0.4249, 0.2671



23.7626, 0.5101, 0.3756



23.7626, 0.2011, 0.3941



23.7626, 0.1477, 0.2331

Sweetspot

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



23.7639, 0.4249, 0.2671



72.4924, 0.3341, 0.3104



19.6471, 0.2600, 0.1612



14.7028, 0.3383, 0.3072



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.



23.7639, 0.4249, 0.2671



27.1624, 0.4636, 0.2616



24.4565, 0.4985, 0.3417



13.1383, 0.3229, 0.3196



9.3734, 0.5349, 0.2721



0.6240, 0.4921, 0.2484

Inverse Universe

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



23.7639, 0.4249, 0.2671



27.1624, 0.4636, 0.2616



53.0832, 0.2347, 0.3133



13.1383, 0.3229, 0.3196



9.3734, 0.5349, 0.2721



0.6240, 0.4921, 0.2484

Previews

White Background



This preview shows how the Yxy color 23.7626, 0.4249, 0.2671 looks on a white background.

Color Contrast Check

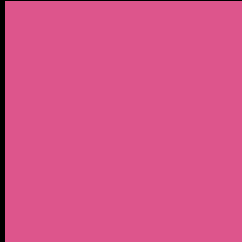
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7626, 0.4249, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

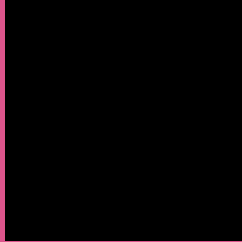
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7626, 0.4249, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 23.7626, 0.4249, 0.2671.



This preview shows how white text looks on a background with the Yxy color 23.7626, 0.4249, 0.2671.

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

23.7626, 0.4249, 0.2671

Protanopia

24.0373, 0.2692, 0.2685

Deuteranopia

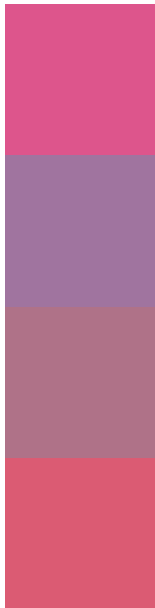
23.9546, 0.3305, 0.3241



Tritanopia

23.8309, 0.4769, 0.3227

Trichromacy



Original Color

23.7626, 0.4249, 0.2671

Protanomaly

22.4676, 0.3170, 0.2638

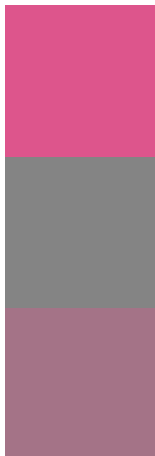
Deuteranomaly

22.9262, 0.3640, 0.2966

Tritanomaly

23.7800, 0.4578, 0.3020

Monochromacy



Original Color

23.7626, 0.4249, 0.2671

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

21.9033, 0.3512, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7626, 0.4249, 0.2671 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(221, 85, 140)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 140)  
}
```

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(221, 85, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 140) }
```

Border

The CSS property to change the border of an element to Yxy 23.7626, 0.4249, 0.2671 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(221, 85, 140) }
```

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

```
.border{ border-color:rgb(221, 85, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 85, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 140);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7626, 0.4249, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 140) }
```

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

```
.background{ background-color: rgb(221, 85,  
140) }
```

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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