

Converting Colors

$Y_{xy}(20.0404, 0.4259, 0.2399)$

Have a look what the booklet for
Yxy(20.0404, 0.4259, 0.2399)
contains.

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Color

Yxy(20.0694, 0.4262, 0.2397)

Conversions

Conversions Part 1

Format	Color
Hex	DB3A8F
RGB	219, 58, 143
RGB Percent	86%, 23%, 56%
CMY	0.1412, 0.7725, 0.4393
CMYK	0.00, 0.74, 0.35, 0.14
HSL	328°, 69%, 54%
HSV	328°, 74%, 86%
XYZ	35.6845, 20.0694, 27.9732
YIQ	115.8290, 68.6710, 60.5670

Conversions

Conversions Part 2

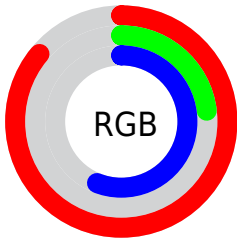
Format	Color
R_{YB}	219, 58, 143
Decimal	14367375
CIE _{Lab}	51.92, 67.96, -10.05
CIE _{LCh}	52, 68.703, 351.591
Yxy	20.0694, 0.4262, 0.2397
Android (android.graphics.Color)	4292557455 (0xFFDB3A8F)
YUV	115.8290, 13.3953, 90.4810
Hunter-Lab	44.7989, 63.7860, -5.6625

Details

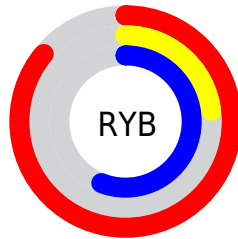
The Yxy color **20.0694, 0.4262, 0.2397** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **53.2874, 0.2709, 0.4599**, and the grayscale version is **17.3537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4849, 0.3771, 0.2506**, and **8.1612, 0.4583, 0.2298** is the 20% darker color. If you saturate the color by 10%, you get **18.0127, 0.4492, 0.2376**, and if you desaturate by 10%, it is **23.0955, 0.4040, 0.2465**.

Distribution



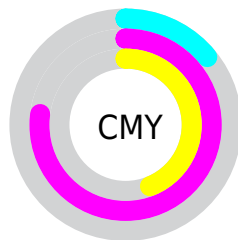
- Red (86%)
- Green (23%)
- Blue (56%)



- Red (86%)
- Yellow (23%)
- Blue (56%)



- Cyan (0%)
- Magenta (74%)
- Yellow (35%)
- Black (14%)




- Cyan (14%)
- Magenta (77%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0694, 0.4262, 0.2397 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 20.0694, 0.4262, 0.2397 by changing the saturation by 10% instead.


 20.0694, 0.4262,
0.2397


 20.0694, 0.4262,
0.2397


252.2906, 0.3635,
0.2875


 12.4455, 0.4439,
0.2268


 43.5335, 0.4019,
0.2578

 7.0478, 0.4680,
0.2097


 60.1425, 0.3933,
0.2644


 3.4920, 0.5024,
0.1862

 80.5153, 0.3861,
0.2698

 1.3937, 0.5548,
0.1523

 105.0364, 0.3801,
0.2745

 0.2121, 0.6702,
0.0611

 134.0900, 0.3751,
0.2784

 0.0000, 1.0000,
0.0000

168.0607, 0.3707,

 0.0000, 0.0000,

0.2819

0.0000

207.3327, 0.3669,
0.2848

■ 20.0694, 0.4262,
0.2397

■ 20.0694, 0.4262,
0.2397

■ 18.0127, 0.4492,
0.2376

■ 23.0955, 0.4040,
0.2465

■ 16.7931, 0.4720,
0.2409


■ 27.1945, 0.3836,
0.2568

■ 16.3123, 0.4864,
0.2453

■ 32.4598, 0.3654,
0.2694


■ 38.9740, 0.3497,
0.2832

■ 46.8120, 0.3363,
0.2973

 56.0426, 0.3250,
0.3112

 66.7299, 0.3156,
0.3245

 78.9342, 0.3078,
0.3370

 92.6401, 0.3014,
0.3485

Harmonies

Analogous

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



20.0694, 0.2952, 0.1871



20.0694, 0.4262, 0.2397



20.0694, 0.5298, 0.3083

Triad

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



20.0694, 0.4262, 0.2397



20.0694, 0.3967, 0.5473



20.0694, 0.1190, 0.2008

Complementary

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



20.0694, 0.4262, 0.2397



53.2874, 0.2709, 0.4599

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.



20.0694, 0.1331, 0.2931



20.0694, 0.4262, 0.2397



20.0694, 0.2876, 0.5568

Square

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



20.0694, 0.4262, 0.2397



20.0694, 0.4933, 0.4690



20.0694, 0.1902, 0.4420



20.0694, 0.1391, 0.1625

Rectangle

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



20.0694, 0.4262, 0.2397



20.0694, 0.5530, 0.3582



20.0694, 0.1902, 0.4420



20.0694, 0.1196, 0.2245

Sweetspot

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



20.0705, 0.4262, 0.2397



67.6907, 0.3346, 0.2992



13.1397, 0.2276, 0.1246



13.7848, 0.3380, 0.2953



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.



20.0705, 0.4262, 0.2397



24.3904, 0.4613, 0.2386



18.4509, 0.5576, 0.3252



13.1658, 0.3210, 0.3167



9.6943, 0.4832, 0.2436



0.6454, 0.4496, 0.2250

Inverse Universe

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



20.0705, 0.4262, 0.2397



24.3904, 0.4613, 0.2386



56.4019, 0.2335, 0.3362



13.1658, 0.3210, 0.3167



9.6943, 0.4832, 0.2436



0.6454, 0.4496, 0.2250

Previews

White Background



This preview shows how the Yxy color 20.0694, 0.4262, 0.2397 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 20.0694, 0.4262, 0.2397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

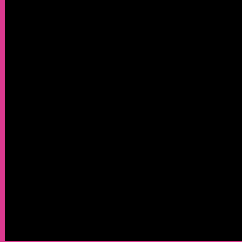
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0694, 0.4262, 0.2397

Background



This preview shows how black text looks on a background with the Yxy color 20.0694, 0.4262, 0.2397.



This preview shows how white text looks on a background with the Yxy color 20.0694, 0.4262, 0.2397.

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

20.0694, 0.4262, 0.2397

Protanopia

20.3317, 0.2338, 0.2221

Deuteranopia

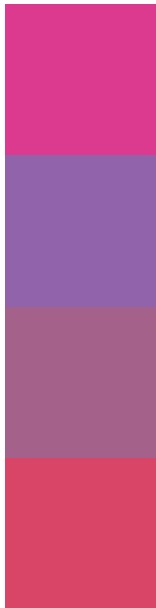
20.3295, 0.3102, 0.3043



Tritanopia

20.1951, 0.5166, 0.3255

Trichromacy



Original Color

20.0694, 0.4262, 0.2397

Protanomaly

17.8837, 0.2861, 0.2178

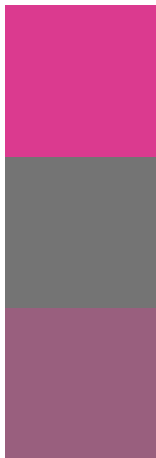
Deuteranomaly

18.4629, 0.3514, 0.2674

Tritanomaly

19.8344, 0.4862, 0.2932

Monochromacy



Original Color

20.0694, 0.4262, 0.2397

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.4631, 0.3542, 0.2778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0694, 0.4262, 0.2397 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, 58, 143)` looks like.

```
.text, #text, p{  
    color:rgb(219, 58, 143)  
}
```

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, 58, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 58, 143) }
```

Border

The CSS property to change the border of an element to Yxy 20.0694, 0.4262, 0.2397 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, 58, 143) }
```

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

```
.border{ border-color:rgb(219, 58, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 58, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 58, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 58, 143);  
box-shadow:4px 4px 4px 4px rgb(219, 58,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0694, 0.4262, 0.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 58, 143) }
```

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

```
.background{ background-color: rgb(219, 58,  
143) }
```

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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