

Converting Colors

$Y_{xy}(22.1480, 0.3968, 0.2272)$

Have a look what the booklet for
Yxy(22.1480, 0.3968, 0.2272)
contains.

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Color

Yxy(22.1882, 0.3960, 0.2268)

Conversions

Conversions Part 1

Format	Color
Hex	DE43A3
RGB	222, 67, 163
RGB Percent	87%, 26%, 64%
CMY	0.1295, 0.7372, 0.3607
CMYK	0.00, 0.70, 0.27, 0.13
HSL	323°, 70%, 57%
HSV	323°, 70%, 87%
XYZ	38.7413, 22.1882, 36.9021
YIQ	124.2890, 61.5640, 62.7160

Conversions

Conversions Part 2

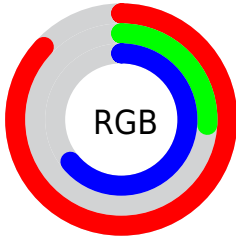
Format	Color
R _{YB}	222, 67, 163
Decimal	14566307
CIE _{Lab}	54.23, 68.02, -18.36
CIE _{LCh}	54, 70.458, 344.893
Yxy	22.1882, 0.3960, 0.2268
Android (android.graphics.Color)	4292756387 (0xFFDE43A3)
YUV	124.2890, 19.0845, 85.6925
Hunter-Lab	47.1044, 64.3759, -13.4754

Details

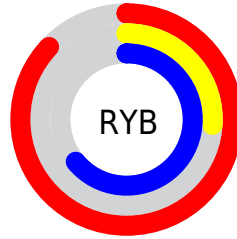
The Yxy color **22.1882, 0.3960, 0.2268** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **54.9365, 0.2781, 0.4745**, and the grayscale version is **20.1799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2437, 0.3533, 0.2375**, and **8.9342, 0.4207, 0.2091** is the 20% darker color. If you saturate the color by 10%, you get **19.7431, 0.4133, 0.2209**, and if you desaturate by 10%, it is **25.6668, 0.3795, 0.2369**.

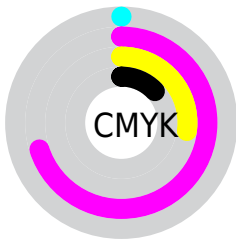
Distribution



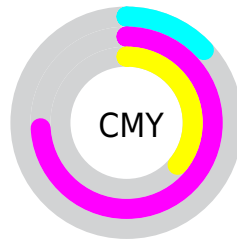
- Red (87%)
- Green (26%)
- Blue (64%)



- Red (87%)
- Yellow (26%)
- Blue (64%)



- Cyan (0%)
- Magenta (70%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (74%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1882, 0.3960, 0.2268 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 22.1882, 0.3960, 0.2268 by changing the saturation by 10% instead.


 22.1882, 0.3960,
0.2268


 22.1882, 0.3960,
0.2268


263.5275, 0.3519,
0.2793

 13.9953, 0.4078,
0.2134


 47.0569, 0.3794,
0.2461


 8.1174, 0.4233,
0.1962


 64.5013, 0.3733,
0.2533


 4.1701, 0.4447,
0.1734


 85.7985, 0.3683,
0.2593

 1.7692, 0.4758,
0.1419

 111.3326, 0.3640,
0.2645

 0.4679, 0.5300,
0.0872

 141.4882, 0.3603,
0.2690

 0.0000, 0.6457,
0.0000

176.6497, 0.3571,

 0.0000, 1.0000,

0.2728

0.0000

217.2013, 0.3543,
0.2763

■ 0.0000, 0.0000,
0.0000

■ 22.1882, 0.3960,
0.2268

■ 22.1882, 0.3960,
0.2268

■ 19.7431, 0.4133,
0.2209

■ 25.6668, 0.3795,
0.2369

■ 18.2050, 0.4307,
0.2201

■ 30.2793, 0.3643,
0.2502

■ 17.3628, 0.4476,
0.2240


■ 36.1179, 0.3506,
0.2654

■ 17.3491, 0.4479,
0.2241

■ 43.2643, 0.3387,
0.2816

■ 51.7933, 0.3285,
0.2980

 61.7737, 0.3199,
0.3140

 73.2699, 0.3126,
0.3293

 86.3424, 0.3065,
0.3436

 93.2823, 0.3016,
0.3453

Harmonies

Analogous

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



22.1882, 0.2695, 0.1796



22.1882, 0.3960, 0.2268



22.1882, 0.5113, 0.2927

Triad

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



22.1882, 0.3960, 0.2268



22.1882, 0.4199, 0.5316



22.1882, 0.1201, 0.2169

Complementary

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



22.1882, 0.3960, 0.2268



54.9365, 0.2781, 0.4745

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.



22.1882, 0.1429, 0.3229



22.1882, 0.3960, 0.2268



22.1882, 0.3124, 0.5631

Square

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



22.1882, 0.3960, 0.2268



22.1882, 0.5096, 0.4493



22.1882, 0.2101, 0.4745



22.1882, 0.1327, 0.1685

Rectangle

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



22.1882, 0.3960, 0.2268



22.1882, 0.5482, 0.3415



22.1882, 0.2101, 0.4745



22.1882, 0.1233, 0.2450

Sweetspot

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



22.1894, 0.3960, 0.2268



69.2199, 0.3298, 0.2958



13.5628, 0.2184, 0.1261



14.0944, 0.3325, 0.2913



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.



22.1894, 0.3960, 0.2268



25.8686, 0.4217, 0.2199



20.2434, 0.5180, 0.3095



13.8426, 0.3196, 0.3146



10.3285, 0.4455, 0.2228



0.7332, 0.4212, 0.2094

Inverse Universe

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



22.1894, 0.3960, 0.2268



25.8686, 0.4217, 0.2199



57.6631, 0.2420, 0.3577



13.8426, 0.3196, 0.3146



10.3285, 0.4455, 0.2228



0.7332, 0.4212, 0.2094

Previews

White Background



This preview shows how the Yxy color 22.1882, 0.3960, 0.2268 looks on a white background.

Color Contrast Check

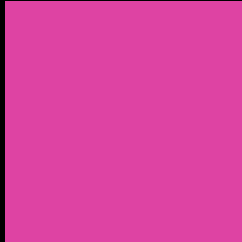
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1882, 0.3960, 0.2268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

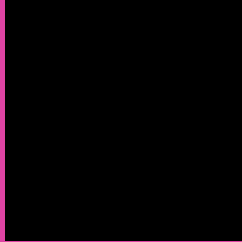
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1882, 0.3960, 0.2268

Background



This preview shows how black text looks on a background with the Yxy color 22.1882, 0.3960, 0.2268.



This preview shows how white text looks on a background with the Yxy color 22.1882, 0.3960, 0.2268.

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

22.1882, 0.3960, 0.2268

Protanopia

22.6451, 0.2211, 0.2065

Deuteranopia

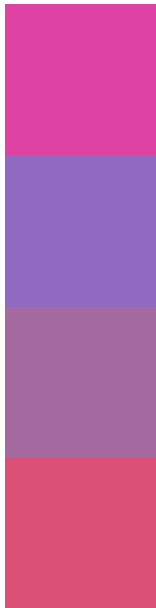
22.3706, 0.2881, 0.2819



Tritanopia

22.1880, 0.4915, 0.3240

Trichromacy



Original Color

22.1882, 0.3960, 0.2268

Protanomaly

20.0431, 0.2655, 0.2033

Deuteranomaly

20.4643, 0.3240, 0.2499

Tritanomaly

21.9508, 0.4580, 0.2868

Monochromacy



Original Color

22.1882, 0.3960, 0.2268

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.0091, 0.3449, 0.2739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1882, 0.3960, 0.2268 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(222, 67, 163)` looks like.

```
.text, #text, p{  
    color:rgb(222, 67, 163)  
}
```

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(222, 67, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 67, 163) }
```

Border

The CSS property to change the border of an element to Yxy 22.1882, 0.3960, 0.2268 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(222, 67, 163) }
```

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

```
.border{ border-color:rgb(222, 67, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 67, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 67, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 67, 163);  
box-shadow:4px 4px 4px 4px rgb(222, 67,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1882, 0.3960, 0.2268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 67, 163) }
```

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

```
.background{ background-color: rgb(222, 67,  
163) }
```

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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