

Converting Colors

$Y_{xy}(22.8036, 0.3288, 0.2164)$

Have a look what the booklet for
Yxy(22.8036, 0.3288, 0.2164)
contains.

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Color

Yxy(22.8036, 0.3288, 0.2164)

Conversions

Conversions Part 1

Format	Color
Hex	C15EB8
RGB	193, 94, 184
RGB Percent	76%, 37%, 72%
CMY	0.2431, 0.6314, 0.2784
CMYK	0.00, 0.51, 0.05, 0.24
HSL	305°, 44%, 56%
HSV	305°, 51%, 76%
XYZ	34.6480, 22.8036, 47.9255
YIQ	133.8610, 30.1140, 48.9780

Conversions

Conversions Part 2

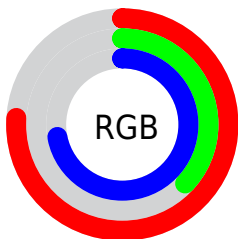
Format	Color
R _Y B	193, 94, 184
Decimal	12672696
CIE Lab	54.87, 51.70, -29.95
CIE LCh	55, 59.752, 329.921
Yxy	22.8036, 0.3288, 0.2164
Android (android.graphics.Color)	4290862776 (0xFFC15EB8)
YUV	133.8610, 24.7185, 51.8649
Hunter-Lab	47.7531, 45.9454, -26.0768

Details

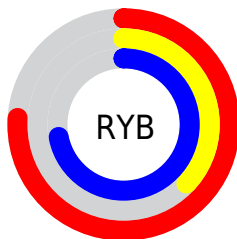
The Yxy color **22.8036, 0.3288, 0.2164** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **41.5013, 0.3001, 0.4765**, and the grayscale version is **23.6865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9803, 0.3268, 0.2372**, and **8.4746, 0.3301, 0.1844** is the 20% darker color. If you saturate the color by 10%, you get **19.7175, 0.3325, 0.1989**, and if you desaturate by 10%, it is **26.7508, 0.3252, 0.2366**.

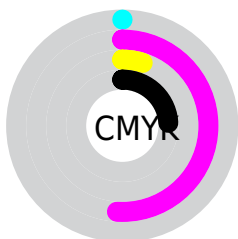
Distribution



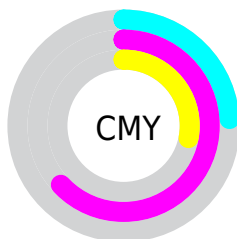
- Red (76%)
- Green (37%)
- Blue (72%)



- Red (76%)
- Yellow (37%)
- Blue (72%)



- Cyan (0%)
- Magenta (51%)
- Yellow (5%)
- Black (24%)




- Cyan (24%)
- Magenta (63%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8036, 0.3288, 0.2164 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 22.8036, 0.3288, 0.2164 by changing the saturation by 10% instead.


 22.8036, 0.3288,
0.2164


 22.8036, 0.3288,
0.2164


266.7146, 0.3222,
0.2732


 14.4486, 0.3299,
0.2023


 48.0706, 0.3268,
0.2370


 8.4333, 0.3308,
0.1844


 65.7514, 0.3259,
0.2448

 4.3734, 0.3314,
0.1611


 87.3096, 0.3251,
0.2514

 1.8846, 0.3305,
0.1299

 113.1295, 0.3244,
0.2570

 0.5391, 0.3275,
0.0817

143.5955, 0.3238,
0.2619

 0.0000, 0.3150,
0.0000

179.0922, 0.3232,

 0.0000, 0.0000,

0.2661

0.0000

220.0037, 0.3227,
0.2699

■ 22.8036, 0.3288,
0.2164

■ 22.8036, 0.3288,
0.2164

■ 19.7175, 0.3325,
0.1989

■ 26.7508, 0.3252,
0.2366

■ 17.4242, 0.3361,
0.1849

■ 31.6144, 0.3218,
0.2585

■ 15.8502, 0.3395,
0.1751

■ 37.4488, 0.3186,
0.2812

■ 14.9067, 0.3427,
0.1696

■ 44.3034, 0.3157,
0.3040

■ 14.4514, 0.3453,
0.1676

■ 52.2239, 0.3130,
0.3262

■ 61.2537, 0.3107,
0.3474

■ 71.4333, 0.3087,
0.3673

■ 82.8015, 0.3069,
0.3858

■ 87.0187, 0.3058,
0.3904

Harmonies

Analogous

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



22.8036, 0.2327, 0.1852



22.8036, 0.3288, 0.2164



22.8036, 0.4372, 0.2691

Triad

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



22.8036, 0.3288, 0.2164



22.8036, 0.4537, 0.4770



22.8036, 0.1496, 0.2747

Complementary

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



22.8036, 0.3288, 0.2164



41.5013, 0.3001, 0.4765

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.



22.8036, 0.1916, 0.3874



22.8036, 0.3288, 0.2164



22.8036, 0.3663, 0.5244

Square

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



22.8036, 0.3288, 0.2164



22.8036, 0.5100, 0.4053



22.8036, 0.2707, 0.4967



22.8036, 0.1442, 0.2068

Rectangle

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



22.8036, 0.3288, 0.2164



22.8036, 0.4917, 0.3118



22.8036, 0.2707, 0.4967



22.8036, 0.1592, 0.3081

Sweetspot

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



22.8046, 0.3288, 0.2164



74.2844, 0.3168, 0.2951



14.6955, 0.2222, 0.1706



15.3771, 0.3174, 0.2902



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.8046, 0.3288, 0.2164



34.5285, 0.3331, 0.1963



21.1001, 0.3948, 0.2741



10.2312, 0.3151, 0.3083



9.6175, 0.3449, 0.1674



0.4203, 0.3389, 0.1641

Inverse Universe

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



22.8046, 0.3288, 0.2164



34.5285, 0.3331, 0.1963



42.7809, 0.2705, 0.3946



10.2312, 0.3151, 0.3083



9.6175, 0.3449, 0.1674



0.4203, 0.3389, 0.1641

Previews

White Background



This preview shows how the Yxy color 22.8036, 0.3288, 0.2164 looks on a white background.

Color Contrast Check

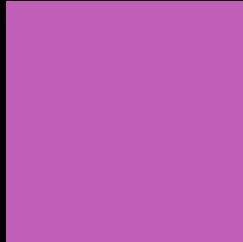
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8036, 0.3288, 0.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

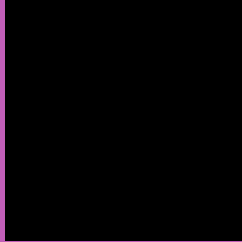
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8036, 0.3288, 0.2164

Background



This preview shows how black text looks on a background with the Yxy color 22.8036, 0.3288, 0.2164.



This preview shows how white text looks on a background with the Yxy color 22.8036, 0.3288, 0.2164.

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

22.8036, 0.3288, 0.2164

Protanopia

23.1573, 0.2188, 0.2027

Deuteranopia

23.1016, 0.2566, 0.2509



Tritanopia

22.7742, 0.4027, 0.3179

Trichromacy



Original Color

22.8036, 0.3288, 0.2164



Protanomaly

21.7416, 0.2484, 0.2032



Deuteranomaly

22.1289, 0.2795, 0.2338



Tritanomaly

22.5450, 0.3754, 0.2768

Monochromacy



Original Color

22.8036, 0.3288, 0.2164



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.4292, 0.3187, 0.2773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8036, 0.3288, 0.2164 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(193, 94, 184)` looks like.

```
.text, #text, p{  
  color:rgb(193, 94, 184)  
}
```

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(193, 94, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 94, 184) }
```

Border

The CSS property to change the border of an element to Yxy 22.8036, 0.3288, 0.2164 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(193, 94, 184) }
```

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

```
.border{ border-color:rgb(193, 94, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 94, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 94, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 94, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 94,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8036, 0.3288, 0.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 94, 184) }
```

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

```
.background{ background-color: rgb(193, 94,  
184) }
```

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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