

Converting Colors

$Y_{xy}(23.3501, 0.4146, 0.2996)$

Have a look what the booklet for
Yxy(23.3501, 0.4146, 0.2996)
contains.

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Color

Yxy(23.2628, 0.4152, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	C8667D
RGB	200, 102, 125
RGB Percent	78%, 40%, 49%
CMY	0.2157, 0.6000, 0.5098
CMYK	0.00, 0.49, 0.37, 0.22
HSL	346°, 47%, 59%
HSV	346°, 49%, 78%
XYZ	32.2710, 23.2628, 22.1902
YIQ	133.9240, 51.0250, 27.9290

Conversions

Conversions Part 2

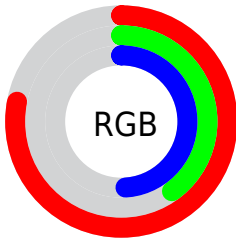
Format	Color
RYB	200, 102, 125
Decimal	13133437
CIELab	55.34, 41.31, 5.31
CIElCh	55, 41.646, 7.321
Yxy	23.2628, 0.4152, 0.2993
Android (android.graphics.Color)	4291323517 (0xFFC8667D)
YUV	133.9240, -4.3995, 57.9487
Hunter-Lab	48.2315, 35.0266, 6.4841

Details

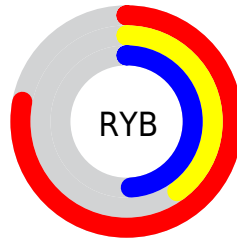
The Yxy color **23.2628, 0.4152, 0.2993** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.3056, 0.2615, 0.3630**, and the grayscale version is **23.8144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8770, 0.3894, 0.3061**, and **8.6426, 0.4561, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **19.4339, 0.4495, 0.2948**, and if you desaturate by 10%, it is **28.1025, 0.3858, 0.3051**.

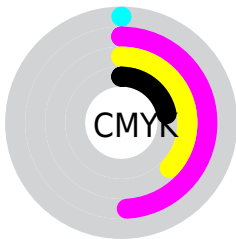
Distribution



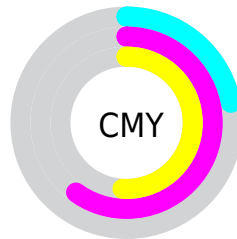
- Red (78%)
- Green (40%)
- Blue (49%)



- Red (78%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (49%)
- Yellow (37%)
- Black (22%)





- Cyan (22%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2628, 0.4152, 0.2993 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 23.2628, 0.4152, 0.2993 by changing the saturation by 10% instead.


 23.2628, 0.4152,
0.2993


 23.2628, 0.4152,
0.2993


269.0719, 0.3579,
0.3167


 14.7877, 0.4318,
0.2939


 48.8245, 0.3927,
0.3063


 8.6705, 0.4547,
0.2863


 66.6798, 0.3848,
0.3087

 4.5269, 0.4881,
0.2747

 88.4307, 0.3783,
0.3107

 1.9725, 0.5406,
0.2555

 114.4615, 0.3729,
0.3123

 0.5914, 0.6757,
0.2219

145.1567, 0.3683,
0.3137

 0.0000, 1.0000,
0.0000

180.9005, 0.3643,

 0.0000, 0.0000,

0.3148

0.0000

222.0775, 0.3609,
0.3158

■ 23.2628, 0.4152,
0.2993

■ 23.2628, 0.4152,
0.2993

■ 19.4339, 0.4495,
0.2948

■ 28.1025, 0.3858,
0.3051

■ 16.5401, 0.4878,
0.2926

■ 34.0146, 0.3612,
0.3114

■ 14.5009, 0.5276,
0.2936


■ 41.0596, 0.3411,
0.3177


■ 13.2203, 0.5650,
0.2985

■ 49.2927, 0.3248,
0.3238

■ 12.5394, 0.5961,
0.3066


■ 58.7655, 0.3115,
0.3296

 12.4830, 0.5989,
0.3073

 69.5264, 0.3007,
0.3348

 81.6213, 0.2920,
0.3397

 90.5422, 0.2844,
0.3368

 91.0185, 0.2805,
0.3289

Harmonies

Analogous

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



23.2628, 0.3446, 0.2547



23.2628, 0.4152, 0.2993



23.2628, 0.4551, 0.3523

Triad

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



23.2628, 0.4152, 0.2993



23.2628, 0.3403, 0.4630



23.2628, 0.1895, 0.2342

Complementary

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



23.2628, 0.4152, 0.2993



47.3056, 0.2615, 0.3630

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.



23.2628, 0.1885, 0.2792



23.2628, 0.4152, 0.2993



23.2628, 0.2707, 0.4251

Square

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



23.2628, 0.4152, 0.2993



23.2628, 0.4061, 0.4502



23.2628, 0.2162, 0.3506



23.2628, 0.2177, 0.2176

Rectangle

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



23.2628, 0.4152, 0.2993



23.2628, 0.4566, 0.3887



23.2628, 0.2162, 0.3506



23.2628, 0.1861, 0.2459

Sweetspot

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



23.2640, 0.4152, 0.2993



76.2327, 0.3345, 0.3201



22.8464, 0.2914, 0.2020



15.6866, 0.3382, 0.3187



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.



23.2640, 0.4152, 0.2993



33.1606, 0.4527, 0.2945



28.2896, 0.4310, 0.3614



10.6770, 0.3253, 0.3236



7.9495, 0.5956, 0.3055



0.3880, 0.5350, 0.2721

Inverse Universe

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



23.2640, 0.4152, 0.2993



33.1606, 0.4527, 0.2945



37.8494, 0.2420, 0.2923



10.6770, 0.3253, 0.3236



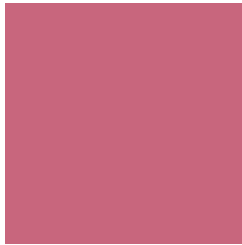
7.9495, 0.5956, 0.3055



0.3880, 0.5350, 0.2721

Previews

White Background



This preview shows how the Yxy color 23.2628, 0.4152, 0.2993 looks on a white background.

Color Contrast Check

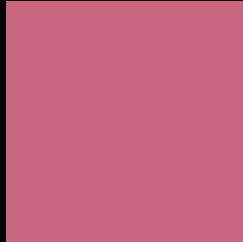
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2628, 0.4152, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

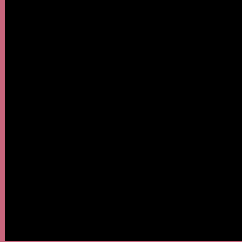
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2628, 0.4152, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 23.2628, 0.4152, 0.2993.

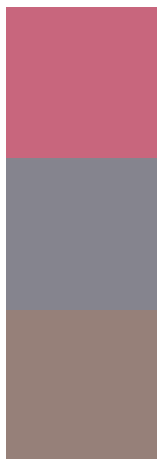


This preview shows how white text looks on a background with the Yxy color 23.2628, 0.4152, 0.2993.

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

23.2628, 0.4152, 0.2993

Protanopia

23.4421, 0.3034, 0.3119

Deuteranopia

23.3028, 0.3473, 0.3408



Tritanopia

23.2126, 0.4317, 0.3189

Trichromacy



Original Color

23.2628, 0.4152, 0.2993

Protanomaly

22.6204, 0.3397, 0.3051

Deuteranomaly

22.9236, 0.3717, 0.3245

Tritanomaly

23.1270, 0.4251, 0.3110

Monochromacy



Original Color

23.2628, 0.4152, 0.2993

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.8269, 0.3468, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2628, 0.4152, 0.2993 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(200, 102, 125)` looks like.

```
.text, #text, p{  
    color:rgb(200, 102, 125)  
}
```

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(200, 102, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 102, 125) }
```

Border

The CSS property to change the border of an element to Yxy 23.2628, 0.4152, 0.2993 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(200, 102, 125) }
```

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

```
.border{ border-color:rgb(200, 102, 125) }
```

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

Here you see how a box with a 4 pixel rgb(200, 102, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 102, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 102, 125);  
box-shadow:4px 4px 4px 4px rgb(200, 102,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2628, 0.4152, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 102, 125) }
```

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

```
.background{ background-color: rgb(200,  
102, 125) }
```

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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