

Converting Colors

$Yxy(23.6537, 0.4387, 0.3244)$

Have a look what the booklet for
Yxy(23.6537, 0.4387, 0.3244)
contains.

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Color

Yxy(23.6248, 0.4378, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	C9696D
RGB	201, 105, 109
RGB Percent	79%, 41%, 43%
CMY	0.2117, 0.5883, 0.5726
CMYK	0.00, 0.48, 0.46, 0.21
HSL	358°, 47%, 60%
HSV	358°, 48%, 79%
XYZ	31.9030, 23.6248, 17.3433
YIQ	134.1600, 55.9320, 21.5960

Conversions

Conversions Part 2

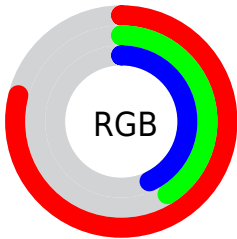
Format	Color
R_{YB}	201, 105, 109
Decimal	13199725
CIE Lab	55.71, 38.39, 15.22
CIE LCh	56, 41.296, 21.632
Yxy	23.6248, 0.4378, 0.3242
Android (android.graphics.Color)	4291389805 (0xFFC9696D)
YUV	134.1600, -12.4039, 58.6187
Hunter-Lab	48.6053, 32.1022, 12.8679

Details

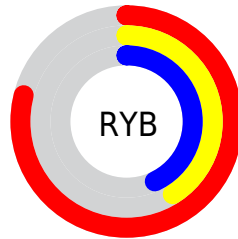
The Yxy color **23.6248, 0.4378, 0.3242** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.8181, 0.2521, 0.3345**, and the grayscale version is **23.9330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2518, 0.4056, 0.3272**, and **8.8258, 0.4846, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **19.6337, 0.4808, 0.3236**, and if you desaturate by 10%, it is **28.6769, 0.4008, 0.3251**.

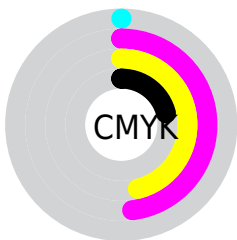
Distribution



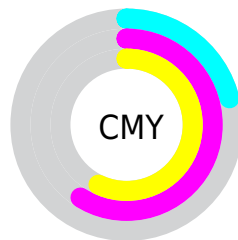
- Red (79%)
- Green (41%)
- Blue (43%)



- Red (79%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (48%)
- Yellow (46%)
- Black (21%)





- Cyan (21%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6248, 0.4378, 0.3242 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 23.6248, 0.4378, 0.3242 by changing the saturation by 10% instead.


 23.6248, 0.4378,
0.3242


 23.6248, 0.4378,
0.3242


270.9181, 0.3677,
0.3293


 15.0555, 0.4580,
0.3216


 49.4172, 0.4103,
0.3269

 8.8584, 0.4857,
0.3173


 67.4092, 0.4006,
0.3277

 4.6489, 0.5256,
0.3094

 89.3108, 0.3927,
0.3282

 2.0428, 0.5869,
0.2938

 115.5065, 0.3860,
0.3286

 0.6322, 0.7344,
0.2656

146.3807, 0.3804,
0.3289

 0.0000, 1.0000,
0.0000


182.3178, 0.3755,


 0.0000, 0.0000,

0.3291

0.0000


223.7021, 0.3713,
0.3292

 23.6248, 0.4378,
0.3242


 23.6248, 0.4378,
0.3242


 19.6337, 0.4808,
0.3236


 28.6769, 0.4008,
0.3251

 16.6248, 0.5274,
0.3236


 34.8545, 0.3701,
0.3261

 14.5141, 0.5727,
0.3244


 42.2209, 0.3453,
0.3272

 13.2019, 0.6096,
0.3260

 50.8338, 0.3254,
0.3282


 12.5459, 0.6326,
0.3278

 60.7474, 0.3095,
0.3292

 12.4387, 0.6361,
0.3278

 72.0123, 0.2967,
0.3301

 84.6766, 0.2863,
0.3309

 91.1604, 0.2811,
0.3289

Harmonies

Analogous

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



23.6248, 0.3795, 0.2751



23.6248, 0.4378, 0.3242



23.6248, 0.4564, 0.3781

Triad

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



23.6248, 0.4378, 0.3242



23.6248, 0.3066, 0.4496



23.6248, 0.2009, 0.2242

Complementary

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



23.6248, 0.4378, 0.3242



48.8181, 0.2521, 0.3345

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.



23.6248, 0.1870, 0.2550



23.6248, 0.4378, 0.3242



23.6248, 0.2428, 0.3908

Square

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



23.6248, 0.4378, 0.3242



23.6248, 0.3758, 0.4600



23.6248, 0.2007, 0.3144



23.6248, 0.2414, 0.2199

Rectangle

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



23.6248, 0.4378, 0.3242



23.6248, 0.4440, 0.4128



23.6248, 0.2007, 0.3144



23.6248, 0.1933, 0.2313

Sweetspot

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



23.6260, 0.4378, 0.3242



77.2888, 0.3377, 0.3276



26.0850, 0.3129, 0.2124



15.8783, 0.3423, 0.3274



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.



23.6260, 0.4378, 0.3242



33.5904, 0.4809, 0.3236



34.6845, 0.4139, 0.3852



10.6440, 0.3283, 0.3281



7.8225, 0.6350, 0.3272



0.3729, 0.6174, 0.3175

Inverse Universe

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



23.6260, 0.4378, 0.3242



33.5904, 0.4809, 0.3236



31.6092, 0.2380, 0.2633



10.6440, 0.3283, 0.3281



7.8225, 0.6350, 0.3272



0.3729, 0.6174, 0.3175

Previews

White Background



This preview shows how the Yxy color 23.6248, 0.4378, 0.3242 looks on a white background.

Color Contrast Check

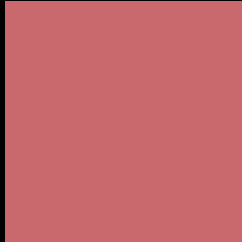
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6248, 0.4378, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

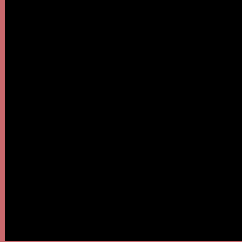
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6248, 0.4378, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 23.6248, 0.4378, 0.3242.



This preview shows how white text looks on a background with the Yxy color 23.6248, 0.4378, 0.3242.

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

23.6248, 0.4378, 0.3242

Protanopia

23.6941, 0.3304, 0.3463

Deuteranopia

23.8885, 0.3746, 0.3682



Tritanopia

23.6905, 0.4335, 0.3203

Trichromacy



Original Color

23.6248, 0.4378, 0.3242

Protanomaly

23.1553, 0.3677, 0.3371

Deuteranomaly

23.3578, 0.3983, 0.3504

Tritanomaly

23.6684, 0.4349, 0.3216

Monochromacy



Original Color

23.6248, 0.4378, 0.3242

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9157, 0.3539, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6248, 0.4378, 0.3242 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(201, 105, 109)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 109)  
}
```

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(201, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 109) }
```

Border

The CSS property to change the border of an element to Yxy 23.6248, 0.4378, 0.3242 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(201, 105, 109) }
```

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

```
.border{ border-color:rgb(201, 105, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6248, 0.4378, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 109) }
```

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

```
.background{ background-color: rgb(201,  
105, 109) }
```

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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