

Converting Colors

$Y_{xy}(23.5464, 0.4353, 0.3117)$

Have a look what the booklet for
Yxy(23.5464, 0.4353, 0.3117)
contains.

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Color

Yxy(23.5243, 0.4362, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	CD6573
RGB	205, 101, 115
RGB Percent	80%, 40%, 45%
CMY	0.1962, 0.6038, 0.5490
CMYK	0.00, 0.51, 0.44, 0.20
HSL	352°, 51%, 60%
HSV	352°, 51%, 80%
XYZ	32.9204, 23.5243, 19.0262
YIQ	133.6920, 57.4900, 26.4020

Conversions

Conversions Part 2

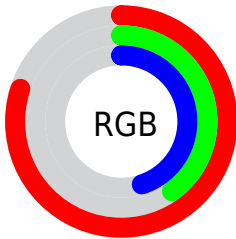
Format	Color
R_{YB}	205, 101, 115
Decimal	13460851
CIE _{Lab}	55.61, 42.48, 11.65
CIE _{LCh}	56, 44.051, 15.334
Yxy	23.5243, 0.4362, 0.3117
Android (android.graphics.Color)	4291650931 (0xFFCD6573)
YUV	133.6920, -9.2152, 62.5371
Hunter-Lab	48.5019, 36.2779, 10.6931

Details

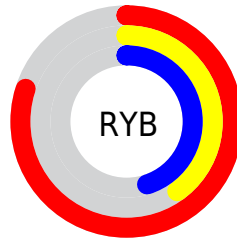
The Yxy color **23.5243, 0.4362, 0.3117** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.1809, 0.2545, 0.3489**, and the grayscale version is **23.7421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1612, 0.4000, 0.3156**, and **8.8049, 0.4842, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **19.6583, 0.4765, 0.3097**, and if you desaturate by 10%, it is **28.4638, 0.4013, 0.3148**.

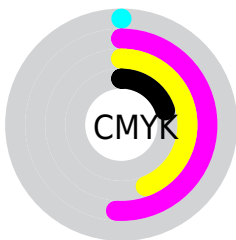
Distribution



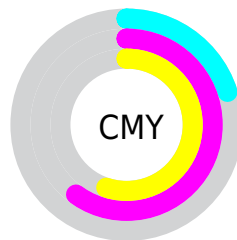
- Red (80%)
- Green (40%)
- Blue (45%)



- Red (80%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (51%)
- Yellow (44%)
- Black (20%)




- Cyan (20%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5243, 0.4362, 0.3117 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 23.5243, 0.4362, 0.3117 by changing the saturation by 10% instead.


 23.5243, 0.4362,
0.3117


 23.5243, 0.4362,
0.3117

270.4066, 0.3670,
0.3233

 14.9811, 0.4562,
0.3075


 49.2528, 0.4091,
0.3168


 8.8061, 0.4836,
0.3012


 67.2069, 0.3995,
0.3184

 4.6149, 0.5231,
0.2908

 89.0668, 0.3917,
0.3197

 2.0232, 0.5839,
0.2721

 115.2169, 0.3851,
0.3207

 0.6209, 0.7534,
0.2466

146.0415, 0.3795,
0.3215

 0.0000, 1.0000,
0.0000


181.9250, 0.3748,


 0.0000, 0.0000,


0.3222


0.0000


223.2519, 0.3706,
0.3228

 23.5243, 0.4362,
0.3117

 23.5243, 0.4362,
0.3117

 19.6583, 0.4765,
0.3097


 28.4638, 0.4013,
0.3148


 16.7826, 0.5201,
0.3094


 34.5449, 0.3721,
0.3183


 14.8073, 0.5630,
0.3114

 41.8342, 0.3484,
0.3219

 13.6248, 0.5995,
0.3158

 50.3922, 0.3292,
0.3255

 13.0576, 0.6237,
0.3209

 60.2752, 0.3137,
0.3288

71.5363, 0.3012,
0.3318

84.2257, 0.2911,
0.3346

91.7158, 0.2832,
0.3289

Harmonies

Analogous

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



23.5243, 0.3675, 0.2623



23.5243, 0.4362, 0.3117



23.5243, 0.4657, 0.3678

Triad

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



23.5243, 0.4362, 0.3117



23.5243, 0.3211, 0.4657



23.5243, 0.1891, 0.2222

Complementary

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



23.5243, 0.4362, 0.3117



50.1809, 0.2545, 0.3489

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.



23.5243, 0.1803, 0.2606



23.5243, 0.4362, 0.3117



23.5243, 0.2506, 0.4118

Square

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



23.5243, 0.4362, 0.3117



23.5243, 0.3931, 0.4642



23.5243, 0.2007, 0.3293



23.5243, 0.2257, 0.2125

Rectangle

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



23.5243, 0.4362, 0.3117



23.5243, 0.4584, 0.4054



23.5243, 0.2007, 0.3293



23.5243, 0.1830, 0.2315

Sweetspot

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



23.5255, 0.4362, 0.3117



76.0252, 0.3372, 0.3239



24.5864, 0.3015, 0.2017



15.6372, 0.3414, 0.3231



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.



23.5255, 0.4362, 0.3117



31.6343, 0.4810, 0.3096



31.9230, 0.4297, 0.3756



11.2378, 0.3269, 0.3259



8.1391, 0.6211, 0.3195



0.4281, 0.5766, 0.2950

Inverse Universe

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



23.5255, 0.4362, 0.3117



31.6343, 0.4810, 0.3096



35.3993, 0.2367, 0.2747



11.2378, 0.3269, 0.3259



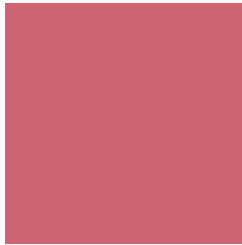
8.1391, 0.6211, 0.3195



0.4281, 0.5766, 0.2950

Previews

White Background



This preview shows how the Yxy color 23.5243, 0.4362, 0.3117 looks on a white background.

Color Contrast Check

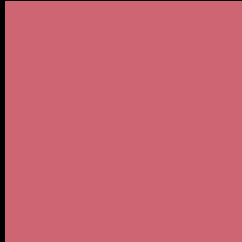
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5243, 0.4362, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

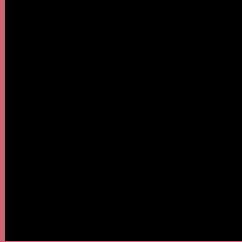
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5243, 0.4362, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 23.5243, 0.4362, 0.3117.



This preview shows how white text looks on a background with the Yxy color 23.5243, 0.4362, 0.3117.

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

23.5243, 0.4362, 0.3117

Protanopia

23.6752, 0.3172, 0.3307

Deuteranopia

23.7949, 0.3661, 0.3603



Tritanopia

23.5860, 0.4443, 0.3206

Trichromacy



Original Color

23.5243, 0.4362, 0.3117

Protanomaly

22.7582, 0.3571, 0.3212

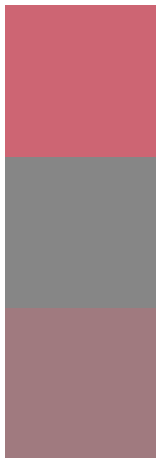
Deuteranomaly

23.2477, 0.3911, 0.3398

Tritanomaly

23.6296, 0.4414, 0.3180

Monochromacy



Original Color

23.5243, 0.4362, 0.3117

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9250, 0.3542, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5243, 0.4362, 0.3117 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(205, 101, 115)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 115)  
}
```

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(205, 101, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 115) }
```

Border

The CSS property to change the border of an element to Yxy 23.5243, 0.4362, 0.3117 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(205, 101, 115) }
```

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

```
.border{ border-color:rgb(205, 101, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 101, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 115);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5243, 0.4362, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 115) }
```

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

```
.background{ background-color: rgb(205,  
101, 115) }
```

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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