

Converting Colors

$Y_{xy}(23.2676, 0.4515, 0.3007)$

Have a look what the booklet for
Yxy(23.2676, 0.4515, 0.3007)
contains.

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Color

Yxy(23.3623, 0.4514, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	D75C74
RGB	215, 92, 116
RGB Percent	84%, 36%, 45%
CMY	0.1567, 0.6393, 0.5451
CMYK	0.00, 0.57, 0.46, 0.16
HSL	348°, 61%, 60%
HSV	348°, 57%, 84%
XYZ	35.0124, 23.3623, 19.1894
YIQ	131.5130, 65.6040, 33.5400

Conversions

Conversions Part 2

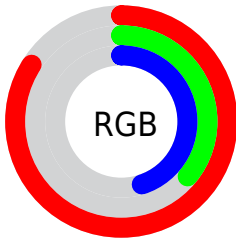
Format	Color
R_{YB}	215, 92, 116
Decimal	14113908
CIE Lab	55.44, 50.48, 11.05
CIE LCh	55, 51.673, 12.344
Yxy	23.3623, 0.4514, 0.3012
Android (android.graphics.Color)	4292303988 (0xFFD75C74)
YUV	131.5130, -7.6479, 73.2181
Hunter-Lab	48.3346, 44.7157, 10.2954

Details

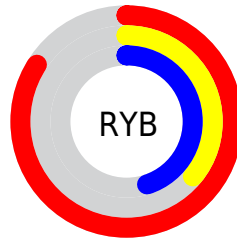
The Yxy color **23.3623, 0.4514, 0.3012** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **54.6556, 0.2531, 0.3629**, and the grayscale version is **22.8986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6449, 0.4018, 0.3062**, and **8.7470, 0.5048, 0.2870** is the 20% darker color. If you saturate the color by 10%, you get **19.7872, 0.4914, 0.2993**, and if you desaturate by 10%, it is **28.0718, 0.4156, 0.3050**.

Distribution



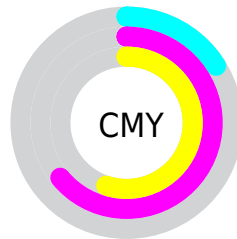
- Red (84%)
- Green (36%)
- Blue (45%)



- Red (84%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3623, 0.4514, 0.3012 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 23.3623, 0.4514, 0.3012 by changing the saturation by 10% instead.


 23.3623, 0.4514,
0.3012


 23.3623, 0.4514,
0.3012


269.5804, 0.3738,
0.3188


 14.8613, 0.4737,
0.2953


 48.9875, 0.4211,
0.3086


 8.7221, 0.5040,
0.2866


 66.8805, 0.4104,
0.3111

 4.5603, 0.5474,
0.2730

 88.6730, 0.4016,
0.3131

 1.9917, 0.6132,
0.2496

 114.7492, 0.3942,
0.3146

 0.6026, 0.7864,
0.2136

145.4937, 0.3879,
0.3159

 0.0000, 1.0000,
0.0000

181.2908, 0.3826,

 0.0000, 0.0000,

0.3170

0.0000

222.5249, 0.3779,
0.3180

■ 23.3623, 0.4514,
0.3012

■ 23.3623, 0.4514,
0.3012

■ 19.7872, 0.4914,
0.2993

■ 28.0718, 0.4156,
0.3050

■ 17.2466, 0.5331,
0.3002

■ 33.9972, 0.3852,
0.3099

■ 15.6292, 0.5721,
0.3045

■ 41.2168, 0.3599,
0.3152

■ 14.7857, 0.6035,
0.3119

■ 49.8011, 0.3394,
0.3205

■ 14.6199, 0.6108,
0.3138

■ 59.8157, 0.3227,
0.3256

■ 71.3218, 0.3093,
0.3303

■ 84.3771, 0.2984,
0.3346

■ 93.1567, 0.2892,
0.3295

■ 93.1927, 0.2889,
0.3289

Harmonies

Analogous

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



23.3623, 0.3669, 0.2474



23.3623, 0.4514, 0.3012



23.3623, 0.4905, 0.3634

Triad

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



23.3623, 0.4514, 0.3012



23.3623, 0.3282, 0.4948



23.3623, 0.1693, 0.2084

Complementary

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



23.3623, 0.4514, 0.3012



54.6556, 0.2531, 0.3629

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.



23.3623, 0.1623, 0.2541



23.3623, 0.4514, 0.3012



23.3623, 0.2464, 0.4372

Square

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



23.3623, 0.4514, 0.3012



23.3623, 0.4104, 0.4818



23.3623, 0.1874, 0.3373



23.3623, 0.2069, 0.1958

Rectangle

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



23.3623, 0.4514, 0.3012



23.3623, 0.4838, 0.4064



23.3623, 0.1874, 0.3373



23.3623, 0.1636, 0.2196

Sweetspot

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



23.3635, 0.4514, 0.3012



73.3456, 0.3392, 0.3205



23.5598, 0.2927, 0.1842



15.1144, 0.3431, 0.3195



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.



23.3635, 0.4514, 0.3012



28.0608, 0.5016, 0.2992



30.8972, 0.4566, 0.3732



12.4601, 0.3261, 0.3245



8.7530, 0.6075, 0.3120



0.5397, 0.5598, 0.2858

Inverse Universe

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



23.3635, 0.4514, 0.3012



28.0608, 0.5016, 0.2992



39.0700, 0.2300, 0.2755



12.4601, 0.3261, 0.3245



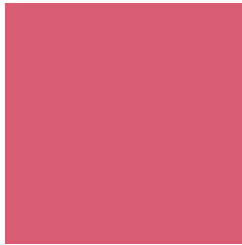
8.7530, 0.6075, 0.3120



0.5397, 0.5598, 0.2858

Previews

White Background



This preview shows how the Yxy color 23.3623, 0.4514, 0.3012 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 23.3623, 0.4514, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

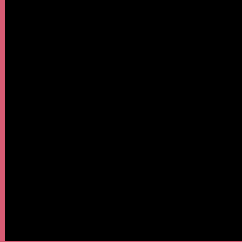
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3623, 0.4514, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 23.3623, 0.4514, 0.3012.



This preview shows how white text looks on a background with the Yxy color 23.3623, 0.4514, 0.3012.

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

23.3623, 0.4514, 0.3012

Protanopia

23.6784, 0.3086, 0.3204

Deuteranopia

23.4342, 0.3653, 0.3588



Tritanopia

23.4201, 0.4705, 0.3225

Trichromacy



Original Color

23.3623, 0.4514, 0.3012

Protanomaly

22.3551, 0.3555, 0.3103

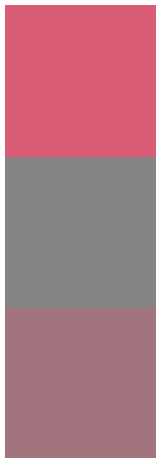
Deuteranomaly

22.6614, 0.3970, 0.3337

Tritanomaly

23.3422, 0.4639, 0.3154

Monochromacy



Original Color

23.3623, 0.4514, 0.3012

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

21.9103, 0.3597, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3623, 0.4514, 0.3012 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(215, 92, 116)` looks like.

```
.text, #text, p{  
    color:rgb(215, 92, 116)  
}
```

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(215, 92, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 92, 116) }
```

Border

The CSS property to change the border of an element to Yxy 23.3623, 0.4514, 0.3012 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(215, 92, 116) }
```

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

```
.border{ border-color:rgb(215, 92, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 92, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 92, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 92, 116);  
box-shadow:4px 4px 4px 4px rgb(215, 92,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3623, 0.4514, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 92, 116) }
```

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

```
.background{ background-color: rgb(215, 92,  
116) }
```

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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