

Converting Colors

$Y_{xy}(23.9107, 0.4109, 0.2691)$

Have a look what the booklet for
Yxy(23.9107, 0.4109, 0.2691)
contains.

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Color

Yxy(23.9034, 0.4112, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	D65C8E
RGB	214, 92, 142
RGB Percent	84%, 36%, 56%
CMY	0.1607, 0.6392, 0.4432
CMYK	0.00, 0.57, 0.34, 0.16
HSL	335°, 60%, 60%
HSV	335°, 57%, 84%
XYZ	36.4445, 23.9034, 28.2817
YIQ	134.1780, 56.6620, 41.4140

Conversions

Conversions Part 2

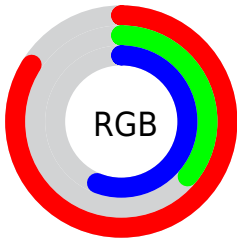
Format	Color
R_{YB}	214, 92, 142
Decimal	14048398
CIE _{Lab}	55.99, 52.94, -3.49
CIE _{LCh}	56, 53.055, 356.233
Yxy	23.9034, 0.4112, 0.2697
Android (android.graphics.Color)	4292238478 (0xFFD65C8E)
YUV	134.1780, 3.8562, 70.0039
Hunter-Lab	48.8911, 47.4983, -0.0733

Details

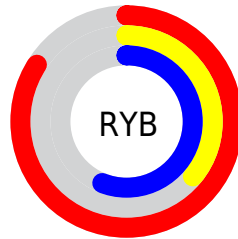
The Yxy color **23.9034, 0.4112, 0.2697** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **53.0577, 0.2669, 0.4027**, and the grayscale version is **23.8786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.1130, 0.3721, 0.2784**, and **9.0427, 0.4475, 0.2491** is the 20% darker color. If you saturate the color by 10%, you get **20.3480, 0.4390, 0.2631**, and if you desaturate by 10%, it is **28.5513, 0.3865, 0.2788**.

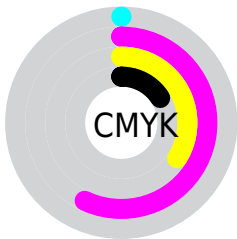
Distribution



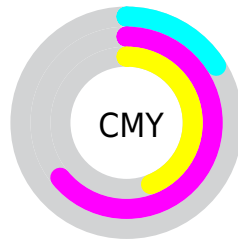
- Red (84%)
- Green (36%)
- Blue (56%)



- Red (84%)
- Yellow (36%)
- Blue (56%)



- Cyan (0%)
- Magenta (57%)
- Yellow (34%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9034, 0.4112, 0.2697 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 23.9034, 0.4112, 0.2697 by changing the saturation by 10% instead.


 23.9034, 0.4112,
0.2697


 23.9034, 0.4112,
0.2697


272.3317, 0.3572,
0.3018


 15.2620, 0.4264,
0.2609


 49.8725, 0.3903,
0.2820

 9.0035, 0.4471,
0.2490

 67.9690, 0.3829,
0.2864

 4.7434, 0.4766,
0.2322

 89.9860, 0.3767,
0.2901

 2.0975, 0.5218,
0.2071

 116.3078, 0.3715,
0.2931

 0.6632, 0.6008,
0.1625

147.3189, 0.3671,
0.2958

 0.0000, 1.0000,
0.0000

183.4037, 0.3634,

 0.0000, 0.0000,

0.2981

0.0000

224.9465, 0.3601,
0.3000

■ 23.9034, 0.4112,
0.2697

■ 23.9034, 0.4112,
0.2697

■ 20.3480, 0.4390,
0.2631

■ 28.5513, 0.3865,
0.2788

■ 17.7893, 0.4689,
0.2604

■ 34.3695, 0.3652,
0.2894

■ 16.1207, 0.4993,
0.2626

■ 41.4330, 0.3472,
0.3004

■ 15.2008, 0.5279,
0.2701

■ 49.8095, 0.3323,
0.3114

■ 14.9983, 0.5362,
0.2727

■ 59.5615, 0.3200,
0.3220

■ 70.7479, 0.3099,
0.3319

■ 83.4237, 0.3016,
0.3411

■ 92.2928, 0.2947,
0.3413

■ 93.0387, 0.2883,
0.3289

Harmonies

Analogous

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



23.9034, 0.3161, 0.2232



23.9034, 0.4112, 0.2697



23.9034, 0.4798, 0.3290

Triad

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



23.9034, 0.4112, 0.2697



23.9034, 0.3743, 0.4985



23.9034, 0.1595, 0.2265

Complementary

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



23.9034, 0.4112, 0.2697



53.0577, 0.2669, 0.4027

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.



23.9034, 0.1693, 0.2935



23.9034, 0.4112, 0.2697



23.9034, 0.2881, 0.4802

Square

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



23.9034, 0.4112, 0.2697



23.9034, 0.4492, 0.4570



23.9034, 0.2133, 0.3934



23.9034, 0.1809, 0.1969

Rectangle

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



23.9034, 0.4112, 0.2697



23.9034, 0.4943, 0.3719



23.9034, 0.2133, 0.3934



23.9034, 0.1592, 0.2444

Sweetspot

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



23.9046, 0.4112, 0.2697



73.8524, 0.3325, 0.3112



20.3139, 0.2651, 0.1731



15.2331, 0.3353, 0.3090



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.



23.9046, 0.4112, 0.2697



29.5229, 0.4439, 0.2624



24.6059, 0.4776, 0.3413



12.5043, 0.3227, 0.3195



9.0834, 0.5324, 0.2707



0.5641, 0.4874, 0.2458

Inverse Universe

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



23.9046, 0.4112, 0.2697



29.5229, 0.4439, 0.2624



50.2446, 0.2387, 0.3147



12.5043, 0.3227, 0.3195



9.0834, 0.5324, 0.2707



0.5641, 0.4874, 0.2458

Previews

White Background



This preview shows how the Yxy color 23.9034, 0.4112, 0.2697 looks on a white background.

Color Contrast Check

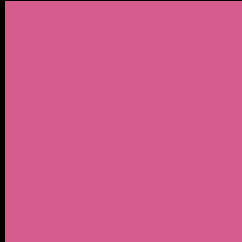
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9034, 0.4112, 0.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

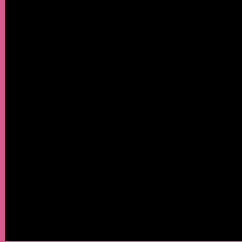
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9034, 0.4112, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 23.9034, 0.4112, 0.2697.



This preview shows how white text looks on a background with the Yxy color 23.9034, 0.4112, 0.2697.

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

23.9034, 0.4112, 0.2697

Protanopia

24.0378, 0.2718, 0.2716

Deuteranopia

23.9459, 0.3260, 0.3191



Tritanopia

23.8132, 0.4573, 0.3210

Trichromacy



Original Color

23.9034, 0.4112, 0.2697

Protanomaly

22.7292, 0.3145, 0.2663

Deuteranomaly

22.9837, 0.3559, 0.2960

Tritanomaly

23.6947, 0.4413, 0.3016

Monochromacy



Original Color

23.9034, 0.4112, 0.2697

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.7863, 0.3464, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9034, 0.4112, 0.2697 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(214, 92, 142)` looks like.

```
.text, #text, p{  
    color:rgb(214, 92, 142)  
}
```

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(214, 92, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 92, 142) }
```

Border

The CSS property to change the border of an element to Yxy 23.9034, 0.4112, 0.2697 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(214, 92, 142) }
```

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

```
.border{ border-color:rgb(214, 92, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 92, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 92, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 92, 142);  
box-shadow:4px 4px 4px 4px rgb(214, 92,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9034, 0.4112, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 92, 142) }
```

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

```
.background{ background-color: rgb(214, 92,  
142) }
```

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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