

Converting Colors

$Y_{xy}(24.4137, 0.3947, 0.2645)$

Have a look what the booklet for
Yxy(24.4137, 0.3947, 0.2645)
contains.

Yxy(24.4166, 0.3947, 0.2637)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4166, 0.3947, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	D36096
RGB	211, 96, 150
RGB Percent	83%, 38%, 59%
CMY	0.1726, 0.6234, 0.4119
CMYK	0.00, 0.54, 0.29, 0.17
HSL	332°, 57%, 60%
HSV	332°, 54%, 83%
XYZ	36.5462, 24.4166, 31.6295
YIQ	136.5410, 51.2060, 41.1740

Conversions

Conversions Part 2

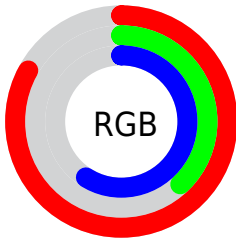
Format	Color
R _Y B	211, 96, 150
Decimal	13852822
CIE Lab	56.50, 51.07, -7.45
CIE LCh	57, 51.614, 351.698
Yxy	24.4166, 0.3947, 0.2637
Android (android.graphics.Color)	4292042902 (0xFFD36096)
YUV	136.5410, 6.6353, 65.3005
Hunter-Lab	49.4132, 45.5464, -3.3625

Details

The Yxy color **24.4166, 0.3947, 0.2637** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **51.5032, 0.2720, 0.4095**, and the grayscale version is **24.7965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4323, 0.3635, 0.2735**, and **9.2590, 0.4238, 0.2425** is the 20% darker color. If you saturate the color by 10%, you get **20.7261, 0.4184, 0.2550**, and if you desaturate by 10%, it is **29.1769, 0.3737, 0.2747**.

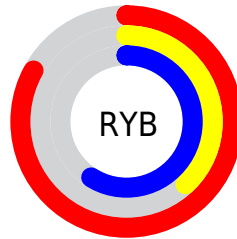
Distribution



Red (83%)

Green (38%)

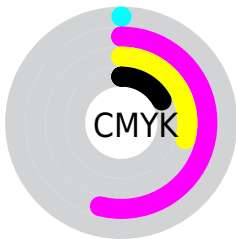
Blue (59%)



Red (83%)

Yellow (38%)

Blue (59%)

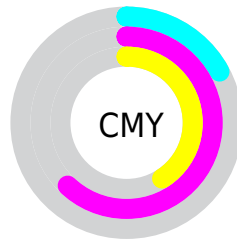


Cyan (0%)

Magenta (54%)

Yellow (29%)

Black (17%)



Cyan (17%)

Magenta (62%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4166, 0.3947, 0.2637 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 24.4166, 0.3947, 0.2637 by changing the saturation by 10% instead.


 24.4166, 0.3947,
0.2637


 24.4166, 0.3947,
0.2637


274.9200, 0.3502,
0.2983


 15.6429, 0.4070,
0.2544


 50.7092, 0.3776,
0.2768

 9.2718, 0.4237,
0.2421


 68.9969, 0.3715,
0.2815

 4.9189, 0.4473,
0.2250


 91.2248, 0.3664,
0.2855

 2.1998, 0.4831,
0.2001

 117.7771, 0.3622,
0.2888

 0.7199, 0.5443,
0.1587

149.0385, 0.3585,
0.2917

 0.0000, 0.8984,
0.0000

185.3931, 0.3554,

 0.0000, 0.0000,

0.2942

0.0000

227.2255, 0.3526,
0.2964

■ 24.4166, 0.3947,
0.2637

■ 24.4166, 0.3947,
0.2637

■ 20.7261, 0.4184,
0.2550

■ 29.1769, 0.3737,
0.2747

■ 18.0162, 0.4442,
0.2498

■ 35.0797, 0.3555,
0.2870

■ 16.1889, 0.4709,
0.2494

■ 42.1953, 0.3402,
0.2996

■ 15.1241, 0.4970,
0.2544

■ 50.5873, 0.3274,
0.3120

■ 14.7473, 0.5109,
0.2588

■ 60.3151, 0.3168,
0.3239

■ 71.4339, 0.3081,
0.3351

■ 83.9961, 0.3009,
0.3454

■ 91.6307, 0.2948,
0.3450

■ 92.3153, 0.2888,
0.3333

Harmonies

Analogous

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



24.4166, 0.3026, 0.2209



24.4166, 0.3947, 0.2637



24.4166, 0.4673, 0.3204

Triad

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



24.4166, 0.3947, 0.2637



24.4166, 0.3853, 0.4898



24.4166, 0.1631, 0.2373

Complementary

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



24.4166, 0.3947, 0.2637



51.5032, 0.2720, 0.4095

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.



24.4166, 0.1777, 0.3083



24.4166, 0.3947, 0.2637



24.4166, 0.3020, 0.4819

Square

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



24.4166, 0.3947, 0.2637



24.4166, 0.4543, 0.4454



24.4166, 0.2260, 0.4062



24.4166, 0.1794, 0.2030

Rectangle

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



24.4166, 0.3947, 0.2637



24.4166, 0.4876, 0.3620



24.4166, 0.2260, 0.4062



24.4166, 0.1644, 0.2567

Sweetspot

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



24.4178, 0.3947, 0.2637



75.3575, 0.3294, 0.3100



20.0829, 0.2601, 0.1769



15.5354, 0.3320, 0.3074



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.



24.4178, 0.3947, 0.2637



31.2378, 0.4215, 0.2541



23.4157, 0.4722, 0.3317



11.8993, 0.3218, 0.3181



8.9220, 0.5074, 0.2569



0.5148, 0.4643, 0.2332

Inverse Universe

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



24.4178, 0.3947, 0.2637



31.2378, 0.4215, 0.2541



52.8237, 0.2433, 0.3262



11.8993, 0.3218, 0.3181



8.9220, 0.5074, 0.2569



0.5148, 0.4643, 0.2332

Previews

White Background



This preview shows how the Yxy color 24.4166, 0.3947, 0.2637 looks on a white background.

Color Contrast Check

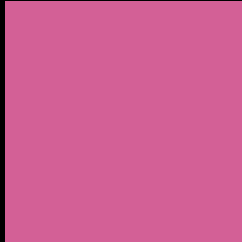
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4166, 0.3947, 0.2637 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 24.4166, 0.3947, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 24.4166, 0.3947, 0.2637.



This preview shows how white text looks on a background with the Yxy color 24.4166, 0.3947, 0.2637.

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

24.4166, 0.3947, 0.2637

Protanopia

24.8225, 0.2646, 0.2631

Deuteranopia

24.5359, 0.3148, 0.3094



Tritanopia

24.4582, 0.4436, 0.3207

Trichromacy



Original Color

24.4166, 0.3947, 0.2637



Protanomaly

23.5327, 0.3034, 0.2594



Deuteranomaly

23.7040, 0.3427, 0.2886



Tritanomaly

24.3433, 0.4264, 0.2995

Monochromacy



Original Color

24.4166, 0.3947, 0.2637



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.7646, 0.3408, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4166, 0.3947, 0.2637 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(211, 96, 150)` looks like.

```
.text, #text, p{  
    color:rgb(211, 96, 150)  
}
```

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(211, 96, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 96, 150) }
```

Border

The CSS property to change the border of an element to Yxy 24.4166, 0.3947, 0.2637 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(211, 96, 150) }
```

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

```
.border{ border-color:rgb(211, 96, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 96, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 96, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 96, 150);  
box-shadow:4px 4px 4px 4px rgb(211, 96,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4166, 0.3947, 0.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 96, 150) }
```

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

```
.background{ background-color: rgb(211, 96,  
150) }
```

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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