

Converting Colors

$Yxy(41.1397, 0.3267, 0.3097)$

Have a look what the booklet for
Yxy(41.1397, 0.3267, 0.3097)
contains.

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Color

Yxy(41.1430, 0.3267, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	C1A4B3
RGB	193, 164, 179
RGB Percent	76%, 64%, 70%
CMY	0.2432, 0.3568, 0.2980
CMYK	0.00, 0.15, 0.07, 0.24
HSL	329°, 19%, 70%
HSV	329°, 15%, 76%
XYZ	43.4014, 41.1430, 48.3035
YIQ	174.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

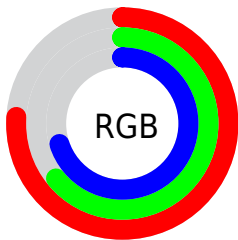
Format	Color
R _Y B	193, 164, 179
Decimal	12690611
CIE Lab	70.28, 13.15, -3.78
CIE LCh	70, 13.682, 343.947
Yxy	41.1430, 0.3267, 0.3097
Android (android.graphics.Color)	4290880691 (0xFFC1A4B3)
YUV	174.3810, 2.2772, 16.3289
Hunter-Lab	64.1428, 8.5298, 0.2509

Details

The Yxy color $41.1430, 0.3267, 0.3097$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.2402, 0.3007, 0.3491$, and the grayscale version is $42.5170, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9852, 0.3242, 0.3130$, and $18.5837, 0.3310, 0.3044$ is the 20% darker color. If you saturate the color by 10%, you get $34.3889, 0.3384, 0.2961$, and if you desaturate by 10%, it is $48.9743, 0.3170, 0.3227$.

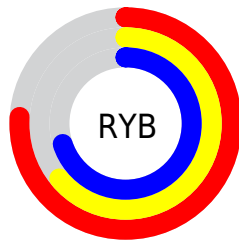
Distribution



Red (76%)

Green (64%)

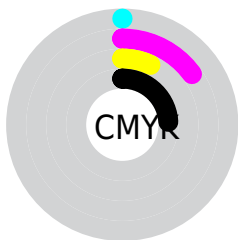
Blue (70%)



Red (76%)

Yellow (64%)

Blue (70%)

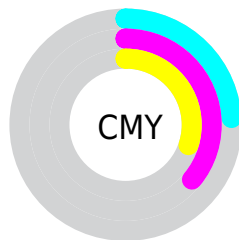


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1430, 0.3267, 0.3097 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 41.1430, 0.3267, 0.3097 by changing the saturation by 10% instead.

 41.1430, 0.3267,
0.3097


 41.1430, 0.3267,
0.3097


350.9179, 0.3196,
0.3194

 28.4308, 0.3285,
0.3073


 76.9009, 0.3241,
0.3132

 18.6507, 0.3308,
0.3041


 100.7155, 0.3231,
0.3146

 11.4181, 0.3339,
0.2999


128.9996, 0.3223,
0.3157

 6.3488, 0.3383,
0.2939

162.1377, 0.3216,
0.3167

 3.0583, 0.3450,
0.2849

200.5142, 0.3210,
0.3175

 1.1623, 0.3565,
0.2698

244.5135, 0.3205,

 0.0306, 0.5160,

0.3182

0.0450

294.5199, 0.3200,
0.3189

0.0000, 0.0000,
0.0000

41.1430, 0.3267,
0.3097

41.1430, 0.3267,
0.3097

34.3889, 0.3384,
0.2961

48.9743, 0.3170,
0.3227

28.6590, 0.3523,
0.2824

57.9219, 0.3089,
0.3350

23.9038, 0.3686,
0.2690

68.0296, 0.3022,
0.3464

20.0679, 0.3873,
0.2570

79.3374, 0.2967,
0.3570

17.0898, 0.4083,
0.2473

88.3222, 0.2919,
0.3610

■ 14.9008, 0.4311,
0.2411

■ 88.8460, 0.2870,
0.3506

■ 13.4212, 0.4546,
0.2397

■ 89.3981, 0.2822,
0.3405

■ 12.5542, 0.4777,
0.2436

■ 89.9787, 0.2775,
0.3305

■ 12.2529, 0.4891,
0.2468

■ 90.0753, 0.2768,
0.3289

Harmonies

Analogous

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



41.1430, 0.3065, 0.2990



41.1430, 0.3267, 0.3097



41.1430, 0.3435, 0.3253

Triad

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



41.1430, 0.3267, 0.3097



41.1430, 0.3368, 0.3639



41.1430, 0.2751, 0.3137

Complementary

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



41.1430, 0.3267, 0.3097



49.2402, 0.3007, 0.3491

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.



41.1430, 0.2827, 0.3317



41.1430, 0.3267, 0.3097



41.1430, 0.3180, 0.3615

Square

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



41.1430, 0.3267, 0.3097



41.1430, 0.3493, 0.3566



41.1430, 0.2982, 0.3495



41.1430, 0.2772, 0.3007

Rectangle

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



41.1430, 0.3267, 0.3097



41.1430, 0.3503, 0.3367



41.1430, 0.2982, 0.3495



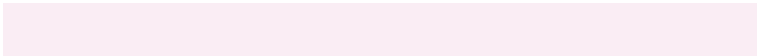
41.1430, 0.2766, 0.3193

Sweetspot

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



41.1448, 0.3267, 0.3097



87.6325, 0.3170, 0.3227



39.8138, 0.3006, 0.2908



18.5733, 0.3176, 0.3218



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1448, 0.3267, 0.3097



69.5413, 0.3303, 0.3053



40.6057, 0.3395, 0.3278



10.1630, 0.3210, 0.3171



8.1674, 0.4864, 0.2453



0.3668, 0.4398, 0.2196

Inverse Universe

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



41.1448, 0.3267, 0.3097



69.5413, 0.3303, 0.3053



49.8328, 0.2909, 0.3302



10.1630, 0.3210, 0.3171



8.1674, 0.4864, 0.2453



0.3668, 0.4398, 0.2196

Previews

White Background



This preview shows how the Yxy color 41.1430, 0.3267, 0.3097 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 41.1430, 0.3267, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

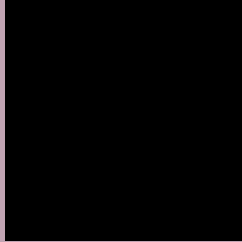
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1430, 0.3267, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 41.1430, 0.3267, 0.3097.



This preview shows how white text looks on a background with the Yxy color 41.1430, 0.3267, 0.3097.

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

41.1430, 0.3267, 0.3097

Protanopia

41.3154, 0.3037, 0.3128

Deuteranopia

41.2909, 0.3208, 0.3146



Tritanopia

41.0627, 0.3285, 0.3122

Trichromacy



Original Color

41.1430, 0.3267, 0.3097

Protanomaly

41.0860, 0.3118, 0.3104

Deuteranomaly

41.3056, 0.3236, 0.3134

Tritanomaly

41.1027, 0.3276, 0.3110

Monochromacy



Original Color

41.1430, 0.3267, 0.3097

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7078, 0.3176, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1430, 0.3267, 0.3097 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(193, 164, 179)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 179)  
}
```

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(193, 164, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.1430, 0.3267, 0.3097 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(193, 164, 179) }
```

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

```
.border{ border-color:rgb(193, 164, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 179);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1430, 0.3267, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 179) }
```

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

```
.background{ background-color: rgb(193,  
164, 179) }
```

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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