

Converting Colors

$Y_{xy}(38.2578, 0.3278, 0.2995)$

Have a look what the booklet for
Yxy(38.2578, 0.3278, 0.2995)
contains.

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Color

Yxy(38.3691, 0.3277, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	C19CB3
RGB	193, 156, 179
RGB Percent	76%, 61%, 70%
CMY	0.2430, 0.3883, 0.2980
CMYK	0.00, 0.19, 0.07, 0.24
HSL	323°, 23%, 68%
HSV	323°, 19%, 76%
XYZ	42.0239, 38.3691, 47.8460
YIQ	169.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

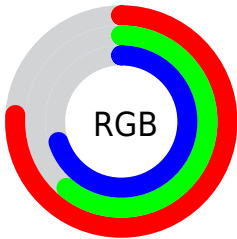
Format	Color
R _Y B	193, 156, 179
Decimal	12688563
CIE Lab	68.29, 17.58, -6.72
CIE LCh	68, 18.824, 339.081
Yxy	38.3691, 0.3277, 0.2992
Android (android.graphics.Color)	4290878643 (0xFFC19CB3)
YUV	169.6850, 4.5923, 20.4473
Hunter-Lab	61.9428, 12.7000, -2.4369

Details

The Yxy color **38.3691, 0.3277, 0.2992** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.1225, 0.3002, 0.3608**, and the grayscale version is **40.0070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9107, 0.3249, 0.3048**, and **17.0985, 0.3323, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **32.1118, 0.3376, 0.2829**, and if you desaturate by 10%, it is **45.6749, 0.3193, 0.3151**.

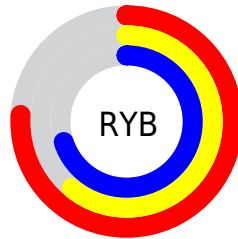
Distribution



Red (76%)

Green (61%)

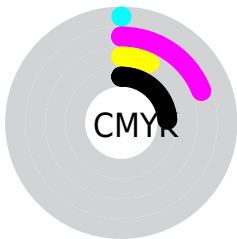
Blue (70%)



Red (76%)

Yellow (61%)

Blue (70%)

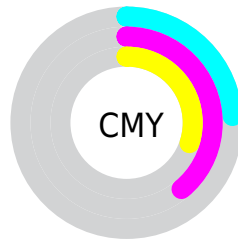


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3691, 0.3277, 0.2992 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 38.3691, 0.3277, 0.2992 by changing the saturation by 10% instead.


 38.3691, 0.3277,
0.2992


 38.3691, 0.3277,
0.2992


339.2007, 0.3201,
0.3142

 26.2693, 0.3296,
0.2954


 72.6735, 0.3249,
0.3047

 17.0252, 0.3321,
0.2905


 95.6469, 0.3239,
0.3067

 10.2525, 0.3354,
0.2839


123.0136, 0.3230,
0.3085

 5.5667, 0.3401,
0.2747

155.1580, 0.3223,
0.3100

 2.5834, 0.3472,
0.2607

192.4646, 0.3216,
0.3112

 0.9183, 0.3592,
0.2372

235.3176, 0.3211,

 0.0000, 0.4859,

0.3124

0.0000

284.1015, 0.3206,
0.3134

0.0000, 0.0000,
0.0000

38.3691, 0.3277,
0.2992

38.3691, 0.3277,
0.2992

32.1118, 0.3376,
0.2829

45.6749, 0.3193,
0.3151

26.8491, 0.3492,
0.2668

54.0696, 0.3122,
0.3302

22.5300, 0.3625,
0.2515

63.5978, 0.3063,
0.3444

19.0971, 0.3773,
0.2380

74.3000, 0.3013,
0.3576

16.4864, 0.3934,
0.2275

86.2146, 0.2972,
0.3698

■ 14.6253, 0.4104,
0.2211

■ 88.1804, 0.2934,
0.3641

■ 13.4284, 0.4275,
0.2195

■ 88.5826, 0.2895,
0.3559

■ 12.7456, 0.4443,
0.2226

■ 89.0020, 0.2857,
0.3478

■ 12.6970, 0.4457,
0.2229

■ 89.4388, 0.2819,
0.3398

Harmonies

Analogous

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



38.3691, 0.2992, 0.2859



38.3691, 0.3277, 0.2992



38.3691, 0.3530, 0.3198

Triad

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



38.3691, 0.3277, 0.2992



38.3691, 0.3500, 0.3774



38.3691, 0.2611, 0.3107

Complementary

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



38.3691, 0.3277, 0.2992



48.1225, 0.3002, 0.3608

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.



38.3691, 0.2735, 0.3368



38.3691, 0.3277, 0.2992



38.3691, 0.3243, 0.3770

Square

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



38.3691, 0.3277, 0.2992



38.3691, 0.3660, 0.3645



38.3691, 0.2964, 0.3618



38.3691, 0.2618, 0.2913

Rectangle

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



38.3691, 0.3277, 0.2992



38.3691, 0.3641, 0.3354



38.3691, 0.2964, 0.3618



38.3691, 0.2638, 0.3190

Sweetspot

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



38.3708, 0.3277, 0.2992



86.2138, 0.3169, 0.3198



36.1243, 0.2933, 0.2788



18.2902, 0.3174, 0.3188



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.



38.3708, 0.3277, 0.2992



63.8006, 0.3317, 0.2924



37.6863, 0.3450, 0.3226



10.1808, 0.3194, 0.3148



8.4581, 0.4436, 0.2218



0.3785, 0.4094, 0.2029

Inverse Universe

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



38.3708, 0.3277, 0.2992



63.8006, 0.3317, 0.2924



48.8547, 0.2876, 0.3356



10.1808, 0.3194, 0.3148



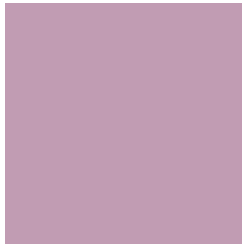
8.4581, 0.4436, 0.2218



0.3785, 0.4094, 0.2029

Previews

White Background



This preview shows how the Yxy color 38.3691, 0.3277, 0.2992 looks on a white background.

Color Contrast Check

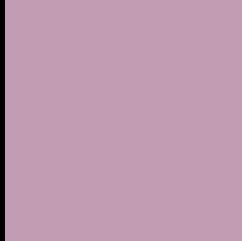
Large Text (above 18pt) WCAG AA × Fail

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 38.3691, 0.3277, 0.2992 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 38.3691, 0.3277, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 38.3691, 0.3277, 0.2992.



This preview shows how white text looks on a background with the Yxy color 38.3691, 0.3277, 0.2992.

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

38.3691, 0.3277, 0.2992

Protanopia

38.6677, 0.2951, 0.3027

Deuteranopia

38.5200, 0.3137, 0.3074



Tritanopia

38.5625, 0.3349, 0.3133

Trichromacy



Original Color

38.3691, 0.3277, 0.2992

Protanomaly

38.3735, 0.3066, 0.3006

Deuteranomaly

38.4232, 0.3186, 0.3050

Tritanomaly

38.3375, 0.3322, 0.3081

Monochromacy



Original Color

38.3691, 0.3277, 0.2992

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3924, 0.3179, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3691, 0.3277, 0.2992 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, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(193, 156, 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, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 156, 179) }
```

Border

The CSS property to change the border of an element to Yxy 38.3691, 0.3277, 0.2992 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, 156, 179) }
```

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

```
.border{ border-color:rgb(193, 156, 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, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(193, 156,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3691, 0.3277, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 156, 179) }
```

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

```
.background{ background-color: rgb(193,  
156, 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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