

Converting Colors

$Y_{xy}(38.7523, 0.2793, 0.2610)$

Have a look what the booklet for
Yxy(38.7523, 0.2793, 0.2610)
contains.

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Color

Yxy(38.6036, 0.2792, 0.2605)

Conversions

Conversions Part 1

Format	Color
Hex	ABA0D5
RGB	171, 160, 213
RGB Percent	67%, 63%, 84%
CMY	0.3294, 0.3725, 0.1648
CMYK	0.20, 0.25, 0.00, 0.16
HSL	252°, 39%, 73%
HSV	252°, 25%, 84%
XYZ	41.3748, 38.6036, 68.2120
YIQ	169.3310, -10.4570, 18.8150

Conversions

Conversions Part 2

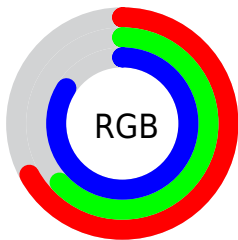
Format	Color
R_{YB}	171, 160, 213
Decimal	11247829
CIE _{Lab}	68.46, 14.87, -25.51
CIE _{LCh}	68, 29.525, 300.248
Yxy	38.6036, 0.2792, 0.2605
Android (android.graphics.Color)	4289437909 (0xFFABA0D5)
YUV	169.3310, 21.5288, 1.4637
Hunter-Lab	62.1318, 10.1359, -21.5999

Details

The Yxy color $38.6036, 0.2792, 0.2605$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $62.6747, 0.3413, 0.3926$, and the grayscale version is $39.7447, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.1518, 0.2952, 0.2877$, and $17.2575, 0.2690, 0.2429$ is the 20% darker color. If you saturate the color by 10%, you get $30.0663, 0.2627, 0.2286$, and if you desaturate by 10%, it is $48.6510, 0.2940, 0.2901$.

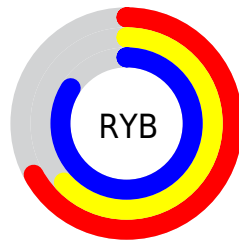
Distribution



Red (67%)

Green (63%)

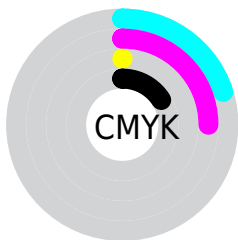
Blue (84%)



Red (67%)

Yellow (63%)

Blue (84%)

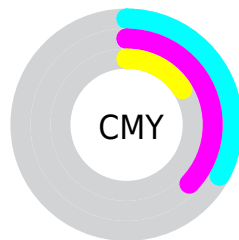


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (37%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6036, 0.2792, 0.2605 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 38.6036, 0.2792, 0.2605 by changing the saturation by 10% instead.

■ 38.6036, 0.2792,
0.2605

■ 38.6036, 0.2792,
0.2605

340.2022, 0.2966,
0.2943

■ 26.4515, 0.2747,
0.2523

■ 73.0324, 0.2857,
0.2726

■ 17.1617, 0.2688,
0.2418

■ 96.0778, 0.2881,
0.2772

■ 10.3499, 0.2608,
0.2282

123.5232, 0.2901,
0.2812

■ 5.6315, 0.2495,
0.2098

155.7528, 0.2918,
0.2845

■ 2.6224, 0.2324,
0.1837

193.1511, 0.2933,
0.2874

■ 0.9379, 0.2043,
0.1447

236.1025, 0.2945,

■ 0.0000, 0.1034,

0.2900

0.0000

284.9914, 0.2957,
0.2923

0.0000, 0.0000,
0.0000

38.6036, 0.2792,
0.2605

38.6036, 0.2792,
0.2605

30.0663, 0.2627,
0.2286

48.6510, 0.2940,
0.2901

22.9609, 0.2447,
0.1953

60.2723, 0.3070,
0.3170

17.2091, 0.2260,
0.1620

73.5332, 0.3183,
0.3409

12.7231, 0.2074,
0.1309

88.4946, 0.3279,
0.3620

9.4047, 0.1902,
0.1040

97.5834, 0.3376,
0.3701

■ 7.1407, 0.1755,
0.0833

■ 5.7942, 0.1643,
0.0700

■ 5.3439, 0.1598,
0.0654

Harmonies

Analogous

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



38.6036, 0.2474, 0.2600



38.6036, 0.2792, 0.2605



38.6036, 0.3223, 0.2764

Triad

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



38.6036, 0.2792, 0.2605



38.6036, 0.3994, 0.3733



38.6036, 0.2607, 0.3535

Complementary

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



38.6036, 0.2792, 0.2605



62.6747, 0.3413, 0.3926

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.



38.6036, 0.2988, 0.3913



38.6036, 0.2792, 0.2605



38.6036, 0.3796, 0.3998

Square

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



38.6036, 0.2792, 0.2605



38.6036, 0.3944, 0.3387



38.6036, 0.3424, 0.4082



38.6036, 0.2372, 0.3104

Rectangle

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



38.6036, 0.2792, 0.2605



38.6036, 0.3519, 0.2939



38.6036, 0.3424, 0.4082



38.6036, 0.2721, 0.3675

Sweetspot

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



38.6052, 0.2792, 0.2605



86.5508, 0.3043, 0.3113



54.7020, 0.2752, 0.3155



18.2896, 0.3036, 0.3097



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.



38.6052, 0.2792, 0.2605



50.7804, 0.2704, 0.2434



41.8294, 0.3015, 0.2648



12.1317, 0.3013, 0.3051



3.3003, 0.1609, 0.0660



0.2351, 0.1776, 0.0752

Inverse Universe

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



43.5509, 0.3252, 0.2795



59.5390, 0.3285, 0.2684



59.3385, 0.3211, 0.3968



12.5865, 0.3169, 0.3107



10.4009, 0.3812, 0.1874



0.6387, 0.3688, 0.1805

Previews

White Background



This preview shows how the Yxy color 38.6036, 0.2792, 0.2605 looks on a white background.

Color Contrast Check

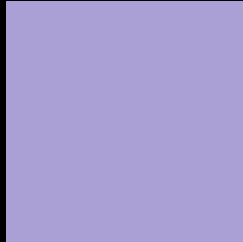
Large Text (above 18pt) WCAG AA × Fail

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 38.6036, 0.2792, 0.2605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

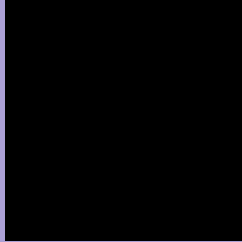
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6036, 0.2792, 0.2605

Background



This preview shows how black text looks on a background with the Yxy color 38.6036, 0.2792, 0.2605.



This preview shows how white text looks on a background with the Yxy color 38.6036, 0.2792, 0.2605.

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

38.6036, 0.2792, 0.2605

Protanopia

38.6923, 0.2628, 0.2599

Deuteranopia

38.6753, 0.2706, 0.2653



Tritanopia

38.5264, 0.3009, 0.3109

Trichromacy



Original Color

38.6036, 0.2792, 0.2605

Protanomaly

38.6258, 0.2685, 0.2594

Deuteranomaly

38.7344, 0.2737, 0.2645

Tritanomaly

38.5280, 0.2929, 0.2922

Monochromacy



Original Color

38.6036, 0.2792, 0.2605

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3213, 0.3004, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6036, 0.2792, 0.2605 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(171, 160, 213)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 213)  
}
```

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(171, 160, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 213) }
```

Border

The CSS property to change the border of an element to Yxy 38.6036, 0.2792, 0.2605 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(171, 160, 213) }
```

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

```
.border{ border-color:rgb(171, 160, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 213);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6036, 0.2792, 0.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 213) }
```

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

```
.background{ background-color: rgb(171,  
160, 213) }
```

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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