

Converting Colors

$Yxy(38.5446, 0.2829, 0.2687)$

Have a look what the booklet for
Yxy(38.5446, 0.2829, 0.2687)
contains.

Yxy(38.5408, 0.2829, 0.2687)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.5408, 0.2829, 0.2687)

Conversions

Conversions Part 1

Format	Color
Hex	AAA1CF
RGB	170, 161, 207
RGB Percent	67%, 63%, 81%
CMY	0.3334, 0.3686, 0.1883
CMYK	0.18, 0.22, 0.00, 0.19
HSL	252°, 32%, 72%
HSV	252°, 22%, 81%
XYZ	40.5776, 38.5408, 64.3159
YIQ	168.9350, -9.4020, 16.2140

Conversions

Conversions Part 2

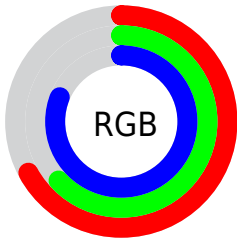
Format	Color
R_{YB}	170, 161, 207
Decimal	11182543
CIE _{Lab}	68.42, 12.62, -22.26
CIE _{LCh}	68, 25.591, 299.551
Yxy	38.5408, 0.2829, 0.2687
Android (android.graphics.Color)	4289372623 (0xFFAAA1CF)
YUV	168.9350, 18.7660, 0.9340
Hunter-Lab	62.0812, 8.0291, -17.9674

Details

The Yxy color **38.5408, 0.2829, 0.2687** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.1965, 0.3387, 0.3853**, and the grayscale version is **39.5502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5005, 0.2945, 0.2886**, and **17.0191, 0.2728, 0.2502** is the 20% darker color. If you saturate the color by 10%, you get **30.1556, 0.2666, 0.2373**, and if you desaturate by 10%, it is **48.3619, 0.2974, 0.2976**.

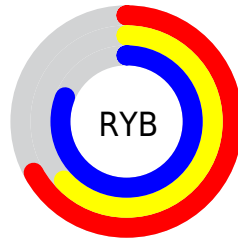
Distribution



Red (67%)

Green (63%)

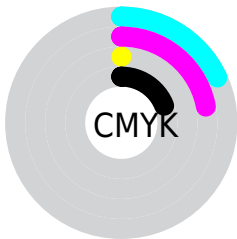
Blue (81%)



Red (67%)

Yellow (63%)

Blue (81%)

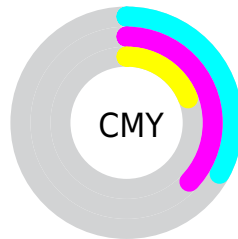


Cyan (18%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (37%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5408, 0.2829, 0.2687 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 38.5408, 0.2829, 0.2687 by changing the saturation by 10% instead.

■ 38.5408, 0.2829,
0.2687

■ 38.5408, 0.2829,
0.2687

■ 339.9342, 0.2984,
0.2987

■ 26.4027, 0.2789,
0.2613

■ 72.9363, 0.2887,
0.2795

■ 17.1251, 0.2736,
0.2519

■ 95.9625, 0.2908,
0.2836

■ 10.3238, 0.2664,
0.2395

■ 123.3868, 0.2926,
0.2871

■ 5.6141, 0.2562,
0.2226

■ 155.5936, 0.2941,
0.2901

■ 2.6119, 0.2407,
0.1982

■ 192.9674, 0.2954,
0.2926

■ 0.9327, 0.2144,
0.1606

■ 235.8925, 0.2965,

■ 0.0000, 0.0904,

0.2949

0.0000

284.7533, 0.2975,
0.2969

0.0000, 0.0000,
0.0000

38.5408, 0.2829,
0.2687

38.5408, 0.2829,
0.2687

30.1556, 0.2666,
0.2373

48.3619, 0.2974,
0.2976

23.1341, 0.2488,
0.2042

59.6775, 0.3102,
0.3237

17.4045, 0.2300,
0.1706

72.5483, 0.3211,
0.3468

12.8869, 0.2111,
0.1386

87.0305, 0.3305,
0.3671

9.4919, 0.1933,
0.1102

96.9621, 0.3401,
0.3762

■ 7.1179, 0.1779,
0.0877

■ 97.2838, 0.3412,
0.3761

■ 5.6439, 0.1658,
0.0724

■ 4.9615, 0.1589,
0.0649

Harmonies

Analogous

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



38.5408, 0.2552, 0.2689



38.5408, 0.2829, 0.2687



38.5408, 0.3203, 0.2824

Triad

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



38.5408, 0.2829, 0.2687



38.5408, 0.3880, 0.3675



38.5408, 0.2682, 0.3511

Complementary

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



38.5408, 0.2829, 0.2687



59.1965, 0.3387, 0.3853

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.



38.5408, 0.3018, 0.3830



38.5408, 0.2829, 0.2687



38.5408, 0.3717, 0.3904

Square

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



38.5408, 0.2829, 0.2687



38.5408, 0.3830, 0.3372



38.5408, 0.3397, 0.3973



38.5408, 0.2470, 0.3141

Rectangle

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



38.5408, 0.2829, 0.2687



38.5408, 0.3459, 0.2978



38.5408, 0.3397, 0.3973



38.5408, 0.2783, 0.3630

Sweetspot

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



38.5424, 0.2829, 0.2687



86.5106, 0.3042, 0.3113



52.7228, 0.2792, 0.3181



18.2803, 0.3034, 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.



38.5424, 0.2829, 0.2687



54.6205, 0.2748, 0.2529



41.2612, 0.3023, 0.2720



11.5270, 0.3012, 0.3052



3.1582, 0.1599, 0.0654



0.2100, 0.1772, 0.0750

Inverse Universe

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



42.8359, 0.3231, 0.2843



62.8270, 0.3259, 0.2738



56.3680, 0.3209, 0.3886



11.9679, 0.3167, 0.3105



10.1214, 0.3769, 0.1850



0.5763, 0.3647, 0.1783

Previews

White Background



This preview shows how the Yxy color 38.5408, 0.2829, 0.2687 looks on a white background.

Color Contrast Check

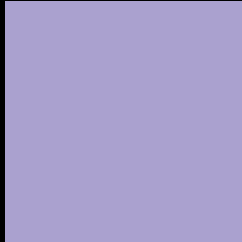
Large Text (above 18pt) WCAG AA × Fail

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 38.5408, 0.2829, 0.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

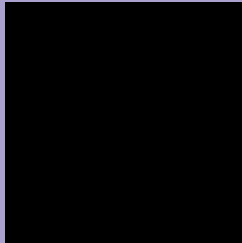
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5408, 0.2829, 0.2687

Background



This preview shows how black text looks on a background with the Yxy color 38.5408, 0.2829, 0.2687.



This preview shows how white text looks on a background with the Yxy color 38.5408, 0.2829, 0.2687.

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

38.5408, 0.2829, 0.2687

Protanopia

38.6313, 0.2698, 0.2686

Deuteranopia

38.4371, 0.2780, 0.2716



Tritanopia

38.5264, 0.3009, 0.3109

Trichromacy



Original Color

38.5408, 0.2829, 0.2687

Protanomaly

38.7314, 0.2743, 0.2691

Deuteranomaly

38.4039, 0.2804, 0.2706

Tritanomaly

38.4405, 0.2945, 0.2948

Monochromacy



Original Color

38.5408, 0.2829, 0.2687

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1263, 0.3012, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5408, 0.2829, 0.2687 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(170, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(170, 161, 207)  
}
```

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(170, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 161, 207) }
```

Border

The CSS property to change the border of an element to Yxy 38.5408, 0.2829, 0.2687 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(170, 161, 207) }
```

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

```
.border{ border-color:rgb(170, 161, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 161, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 161, 207);  
box-shadow:4px 4px 4px 4px rgb(170, 161,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5408, 0.2829, 0.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 161, 207) }
```

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

```
.background{ background-color: rgb(170,  
161, 207) }
```

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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