

Converting Colors

$Y_{xy}(38.7258, 0.2699, 0.2641)$

Have a look what the booklet for
Yxy(38.7258, 0.2699, 0.2641)
contains.

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Color

Yxy(38.7259, 0.2699, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	9FA4D5
RGB	159, 164, 213
RGB Percent	62%, 64%, 84%
CMY	0.3766, 0.3568, 0.1648
CMYK	0.25, 0.23, 0.00, 0.16
HSL	234°, 39%, 73%
HSV	234°, 25%, 84%
XYZ	39.5764, 38.7259, 68.3312
YIQ	168.0910, -18.7090, 14.1790

Conversions

Conversions Part 2

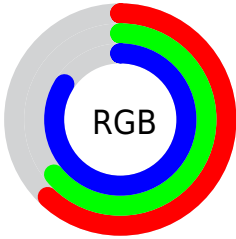
Format	Color
R _Y B	159, 164, 213
Decimal	10462421
CIE Lab	68.55, 8.92, -25.45
CIE LCh	69, 26.969, 289.309
Yxy	38.7259, 0.2699, 0.2641
Android (android.graphics.Color)	4288652501 (0xFF9FA4D5)
YUV	168.0910, 22.1401, -7.9728
Hunter-Lab	62.2301, 4.6175, -21.5417

Details

The Yxy color **38.7259, 0.2699, 0.2641** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.7251, 0.3521, 0.3865**, and the grayscale version is **39.0990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1792, 0.2866, 0.2909**, and **17.1211, 0.2568, 0.2455** is the 20% darker color. If you saturate the color by 10%, you get **30.3407, 0.2502, 0.2335**, and if you desaturate by 10%, it is **48.5383, 0.2881, 0.2920**.

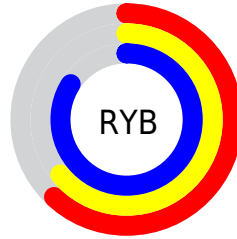
Distribution



Red (62%)

Green (64%)

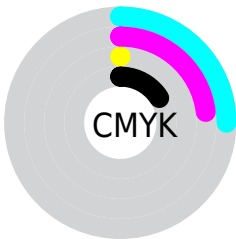
Blue (84%)



Red (62%)

Yellow (64%)

Blue (84%)

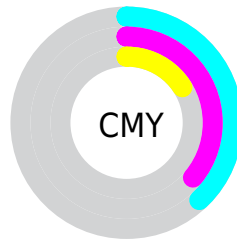


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.7259, 0.2699, 0.2641 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 38.7259, 0.2699, 0.2641 by changing the saturation by 10% instead.

■ 38.7259, 0.2699,
0.2641

■ 38.7259, 0.2699,
0.2641

■ 340.7237, 0.2919,
0.2964

■ 26.5466, 0.2643,
0.2562

■ 73.2194, 0.2780,
0.2758

■ 17.2330, 0.2571,
0.2460

■ 96.3024, 0.2810,
0.2802

■ 10.4007, 0.2474,
0.2328

■ 123.7886, 0.2835,
0.2839

■ 5.6655, 0.2338,
0.2147

■ 156.0626, 0.2857,
0.2871

■ 2.6427, 0.2136,
0.1888

■ 193.5087, 0.2875,
0.2899

■ 0.9482, 0.1813,
0.1497

■ 236.5114, 0.2892,

■ 0.0000, 0.0359,

0.2923

0.0000

285.4549, 0.2906,
0.2945

0.0000, 0.0000,
0.0000

38.7259, 0.2699,
0.2641

38.7259, 0.2699,
0.2641

30.3407, 0.2502,
0.2335

48.5383, 0.2881,
0.2920

23.3116, 0.2297,
0.2010

59.8352, 0.3046,
0.3169

17.5685, 0.2093,
0.1679

72.6765, 0.3193,
0.3388

13.0331, 0.1902,
0.1361

87.1174, 0.3322,
0.3578

9.6186, 0.1738,
0.1080

97.5835, 0.3376,
0.3701

■ 7.2263, 0.1615,
0.0855

■ 5.7399, 0.1538,
0.0703

■ 5.3014, 0.1516,
0.0655

Harmonies

Analogous

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



38.7259, 0.2459, 0.2696



38.7259, 0.2699, 0.2641



38.7259, 0.3066, 0.2738

Triad

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



38.7259, 0.2699, 0.2641



38.7259, 0.3929, 0.3588



38.7259, 0.2767, 0.3652

Complementary

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



38.7259, 0.2699, 0.2641



61.7251, 0.3521, 0.3865

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.



38.7259, 0.3147, 0.3937



38.7259, 0.2699, 0.2641



38.7259, 0.3828, 0.3866

Square

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



38.7259, 0.2699, 0.2641



38.7259, 0.3797, 0.3263



38.7259, 0.3537, 0.4008



38.7259, 0.2495, 0.3262

Rectangle

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



38.7259, 0.2699, 0.2641



38.7259, 0.3340, 0.2875



38.7259, 0.3537, 0.4008



38.7259, 0.2886, 0.3766

Sweetspot

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



38.7274, 0.2699, 0.2641



85.0986, 0.3003, 0.3104



59.4832, 0.2789, 0.3357



17.6510, 0.2979, 0.3067



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.



38.7274, 0.2699, 0.2641



51.7183, 0.2603, 0.2493



39.3586, 0.2872, 0.2607



12.1937, 0.2981, 0.3072



3.3048, 0.1519, 0.0667



0.2651, 0.1571, 0.0856

Inverse Universe

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



41.6083, 0.3611, 0.3229



56.8308, 0.3741, 0.3217



61.2098, 0.3337, 0.3956



12.4395, 0.3277, 0.3269



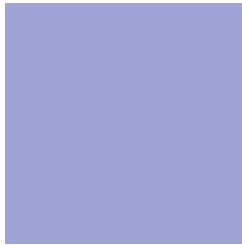
8.6785, 0.6287, 0.3237



0.5301, 0.5981, 0.3068

Previews

White Background



This preview shows how the Yxy color 38.7259, 0.2699, 0.2641 looks on a white background.

Color Contrast Check

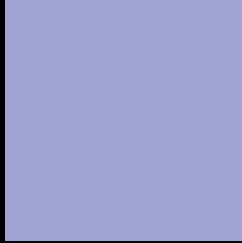
Large Text (above 18pt) WCAG AA × Fail

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 38.7259, 0.2699, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

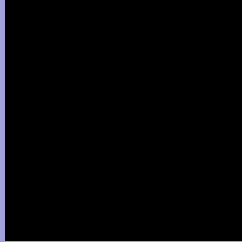
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7259, 0.2699, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 38.7259, 0.2699, 0.2641.



This preview shows how white text looks on a background with the Yxy color 38.7259, 0.2699, 0.2641.

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

38.7259, 0.2699, 0.2641

Protanopia

38.7339, 0.2663, 0.2637

Deuteranopia

38.7259, 0.2699, 0.2641



Tritanopia

38.5671, 0.2875, 0.3091

Trichromacy



Original Color

38.7259, 0.2699, 0.2641

Protanomaly

38.8332, 0.2670, 0.2639

Deuteranomaly

38.7259, 0.2699, 0.2641

Tritanomaly

38.5010, 0.2807, 0.2915

Monochromacy



Original Color

38.7259, 0.2699, 0.2641

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0975, 0.2968, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7259, 0.2699, 0.2641 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(159, 164, 213)` looks like.

```
.text, #text, p{  
    color:rgb(159, 164, 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(159, 164, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 164, 213) }
```

Border

The CSS property to change the border of an element to Yxy 38.7259, 0.2699, 0.2641 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(159, 164, 213) }
```

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

```
.border{ border-color:rgb(159, 164, 213) }
```

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

Here you see how a box with a 4 pixel rgb(159, 164, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 164, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 164, 213);  
box-shadow:4px 4px 4px 4px rgb(159, 164,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7259, 0.2699, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 164, 213) }
```

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

```
.background{ background-color: rgb(159,  
164, 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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