

Converting Colors

$Yxy(38.3953, 0.2657, 0.2596)$

Have a look what the booklet for
Yxy(38.3953, 0.2657, 0.2596)
contains.

Yxy(38.2202, 0.2654, 0.2588)	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(38.2202, 0.2654, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	9CA3D8
RGB	156, 163, 216
RGB Percent	61%, 64%, 85%
CMY	0.3884, 0.3607, 0.1530
CMYK	0.28, 0.25, 0.00, 0.15
HSL	233°, 43%, 73%
HSV	233°, 28%, 85%
XYZ	39.1949, 38.2202, 70.2673
YIQ	166.9490, -21.1850, 14.9990

Conversions

Conversions Part 2

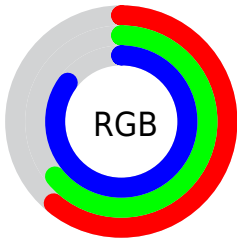
Format	Color
RYB	156, 162, 216
Decimal	10265560
CIELab	68.18, 9.31, -27.69
CIELCh	68, 29.213, 288.578
Yxy	38.2202, 0.2654, 0.2588
Android (android.graphics.Color)	4288455640 (0xFF9CA3D8)
YUV	166.9490, 24.1821, -9.6023
Hunter-Lab	61.8225, 4.9780, -24.1131

Details

The Yxy color **38.2202, 0.2654, 0.2588** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **62.5636, 0.3565, 0.3906**, and the grayscale version is **38.5033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3599, 0.2853, 0.2897**, and **16.8257, 0.2510, 0.2384** is the 20% darker color. If you saturate the color by 10%, you get **29.9888, 0.2456, 0.2284**, and if you desaturate by 10%, it is **47.8578, 0.2839, 0.2867**.

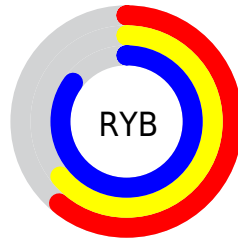
Distribution



Red (61%)

Green (64%)

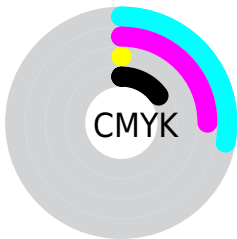
Blue (85%)



Red (61%)

Yellow (64%)

Blue (85%)

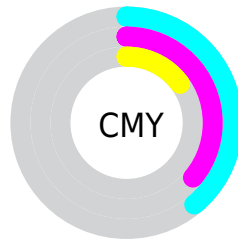


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (39%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.2202, 0.2654, 0.2588 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 38.2202, 0.2654, 0.2588 by changing the saturation by 10% instead.

■ 38.2202, 0.2654,
0.2588

■ 38.2202, 0.2654,
0.2588

■ 338.5636, 0.2897,
0.2937

■ 26.1536, 0.2592,
0.2502

■ 72.4455, 0.2743,
0.2714

■ 16.9386, 0.2513,
0.2394

■ 95.3731, 0.2776,
0.2761

■ 10.1907, 0.2406,
0.2252

■ 122.6897, 0.2804,
0.2802

■ 5.5256, 0.2258,
0.2059

■ 154.7799, 0.2828,
0.2836

■ 2.5588, 0.2040,
0.1786

■ 192.0280, 0.2849,
0.2867

■ 0.9060, 0.1695,
0.1380

■ 234.8184, 0.2867,

■ 0.0000, 0.0183,

0.2893

0.0000

283.5355, 0.2883,
0.2916

0.0000, 0.0000,
0.0000

38.2202, 0.2654,
0.2588

38.2202, 0.2654,
0.2588

29.9888, 0.2456,
0.2284

47.8578, 0.2839,
0.2867

23.0933, 0.2253,
0.1964

58.9586, 0.3008,
0.3116

17.4641, 0.2053,
0.1640

71.5817, 0.3159,
0.3336

13.0233, 0.1869,
0.1332

85.7819, 0.3293,
0.3528

9.6847, 0.1714,
0.1060

97.7372, 0.3358,
0.3671

■ 7.3496, 0.1601,
0.0846

■ 5.8961, 0.1533,
0.0700

■ 5.6689, 0.1521,
0.0677

Harmonies

Analogous

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



38.2202, 0.2400, 0.2649



38.2202, 0.2654, 0.2588



38.2202, 0.3048, 0.2690

Triad

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



38.2202, 0.2654, 0.2588



38.2202, 0.3999, 0.3601



38.2202, 0.2744, 0.3695

Complementary

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



38.2202, 0.2654, 0.2588



62.5636, 0.3565, 0.3906

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.



38.2202, 0.3157, 0.4004



38.2202, 0.2654, 0.2588



38.2202, 0.3893, 0.3907

Square

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



38.2202, 0.2654, 0.2588



38.2202, 0.3851, 0.3249



38.2202, 0.3580, 0.4071



38.2202, 0.2447, 0.3267

Rectangle

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



38.2202, 0.2654, 0.2588



38.2202, 0.3347, 0.2835



38.2202, 0.3580, 0.4071



38.2202, 0.2874, 0.3819

Sweetspot

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



38.2217, 0.2654, 0.2588



85.3811, 0.3003, 0.3109



60.7222, 0.2771, 0.3390



17.7214, 0.2979, 0.3073



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.



38.2217, 0.2654, 0.2588



48.8030, 0.2546, 0.2423



38.1832, 0.2825, 0.2531



12.2414, 0.2981, 0.3078



3.4376, 0.1525, 0.0691



0.2876, 0.1588, 0.0918

Inverse Universe

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



41.0062, 0.3659, 0.3206



53.6547, 0.3808, 0.3188



62.9702, 0.3372, 0.4022



12.4443, 0.3273, 0.3263



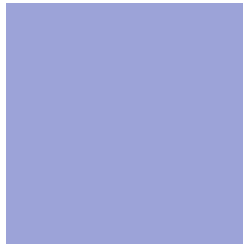
8.6919, 0.6247, 0.3215



0.5324, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 38.2202, 0.2654, 0.2588 looks on a white background.

Color Contrast Check

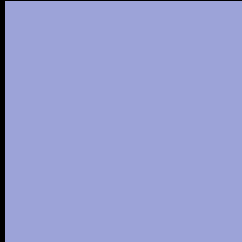
Large Text (above 18pt) WCAG AA × Fail

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 38.2202, 0.2654, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

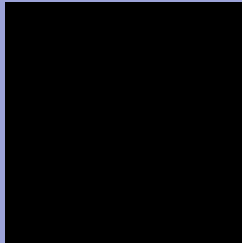
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2202, 0.2654, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 38.2202, 0.2654, 0.2588.



This preview shows how white text looks on a background with the Yxy color 38.2202, 0.2654, 0.2588.

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

38.2202, 0.2654, 0.2588

Protanopia

38.2361, 0.2619, 0.2584

Deuteranopia

38.1208, 0.2647, 0.2586



Tritanopia

38.1844, 0.2841, 0.3089

Trichromacy



Original Color

38.2202, 0.2654, 0.2588

Protanomaly

38.3330, 0.2626, 0.2585

Deuteranomaly

38.1208, 0.2647, 0.2586

Tritanomaly

38.2530, 0.2775, 0.2899

Monochromacy



Original Color

38.2202, 0.2654, 0.2588

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.5617, 0.2943, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2202, 0.2654, 0.2588 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(156, 163, 216)` looks like.

```
.text, #text, p{  
    color:rgb(156, 163, 216)  
}
```

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(156, 163, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 163, 216) }
```

Border

The CSS property to change the border of an element to Yxy 38.2202, 0.2654, 0.2588 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(156, 163, 216) }
```

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

```
.border{ border-color:rgb(156, 163, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 163, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 163, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 163, 216);  
box-shadow:4px 4px 4px 4px rgb(156, 163,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2202, 0.2654, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 163, 216) }
```

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

```
.background{ background-color: rgb(156,  
163, 216) }
```

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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