

Converting Colors

$Yxy(37.7408, 0.2651, 0.2855)$

Have a look what the booklet for
Yxy(37.7408, 0.2651, 0.2855)
contains.

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Color

Yxy(37.6178, 0.2648, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	8BA8C7
RGB	139, 168, 199
RGB Percent	55%, 66%, 78%
CMY	0.4548, 0.3412, 0.2196
CMYK	0.30, 0.16, 0.00, 0.22
HSL	211°, 35%, 66%
HSV	211°, 30%, 78%
XYZ	34.9638, 37.6178, 59.4570
YIQ	162.8630, -27.2350, 3.4930

Conversions

Conversions Part 2

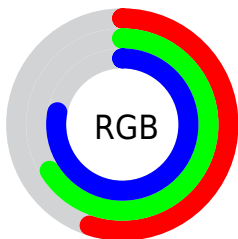
Format	Color
R_{YB}	139, 159, 199
Decimal	9152711
CIE _{Lab}	67.74, -2.68, -19.10
CIE _{LCh}	68, 19.284, 262.009
Yxy	37.6178, 0.2648, 0.2849
Android (android.graphics.Color)	4287342791 (0xFF8BA8C7)
YUV	162.8630, 17.8155, -20.9279
Hunter-Lab	61.3334, -5.5773, -14.5428

Details

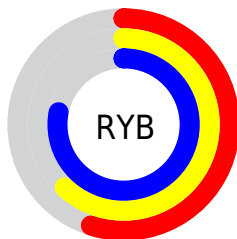
The Yxy color **37.6178, 0.2648, 0.2849** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.7773, 0.3678, 0.3693**, and the grayscale version is **36.4856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4647, 0.2744, 0.2940**, and **16.5614, 0.2505, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **32.4079, 0.2484, 0.2673**, and if you desaturate by 10%, it is **43.4433, 0.2812, 0.3011**.

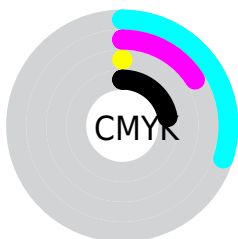
Distribution



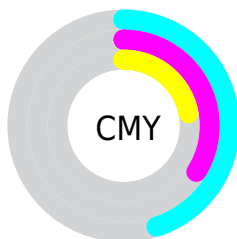
- Red (55%)
- Green (66%)
- Blue (78%)



- Red (55%)
- Yellow (62%)
- Blue (78%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)




- Cyan (45%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6178, 0.2648, 0.2849 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 37.6178, 0.2648, 0.2849 by changing the saturation by 10% instead.


 37.6178, 0.2648,
0.2849


 37.6178, 0.2648,
0.2849


335.9776, 0.2892,
0.3076

 25.6862, 0.2586,
0.2791


 71.5219, 0.2738,
0.2933

 16.5890, 0.2505,
0.2715


 94.2633, 0.2771,
0.2964

 9.9419, 0.2398,
0.2612


 121.3766, 0.2799,
0.2990

 5.3605, 0.2246,
0.2467

153.2464, 0.2823,
0.3012

 2.4603, 0.2020,
0.2247

190.2570, 0.2844,
0.3032

 0.8566, 0.1646,
0.1883

232.7928, 0.2862,

 0.0000, 0.0000,

0.3048

0.0000

281.2382, 0.2878,
0.3063

■ 37.6178, 0.2648,
0.2849

■ 37.6178, 0.2648,
0.2849

■ 32.4079, 0.2484,
0.2673

■ 43.4433, 0.2812,
0.3011

■ 27.7854, 0.2324,
0.2485

■ 49.9023, 0.2971,
0.3157

■ 23.7258, 0.2172,
0.2288

■ 57.0173, 0.3125,
0.3288

■ 20.2013, 0.2036,
0.2087

■ 64.8085, 0.3271,
0.3405

■ 17.1805, 0.1918,
0.1886

■ 73.2948, 0.3408,
0.3508

■ 14.6274, 0.1825,
0.1692

■ 81.8359, 0.3511,
0.3601

■ 12.5068, 0.1754,
0.1512

■ 87.7259, 0.3489,
0.3701

■ 93.9596, 0.3469,
0.3797

■ 96.9040, 0.3460,
0.3840

Harmonies

Analogous

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



37.6178, 0.2582, 0.3003



37.6178, 0.2648, 0.2849



37.6178, 0.2838, 0.2814

Triad

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



37.6178, 0.2648, 0.2849



37.6178, 0.3624, 0.3298



37.6178, 0.3120, 0.3735

Complementary

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



37.6178, 0.2648, 0.2849



42.7773, 0.3678, 0.3693

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.



37.6178, 0.3405, 0.3807



37.6178, 0.2648, 0.2849



37.6178, 0.3704, 0.3537

Square

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



37.6178, 0.2648, 0.2849



37.6178, 0.3403, 0.3067



37.6178, 0.3622, 0.3727



37.6178, 0.2846, 0.3525

Rectangle

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



37.6178, 0.2648, 0.2849



37.6178, 0.3015, 0.2855



37.6178, 0.3622, 0.3727



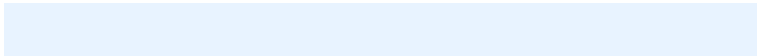
37.6178, 0.3218, 0.3777

Sweetspot

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



37.6193, 0.2648, 0.2849



88.5641, 0.2987, 0.3171



49.2470, 0.2880, 0.3700



18.5801, 0.2964, 0.3150



0.0000, 0.0000, 0.0000



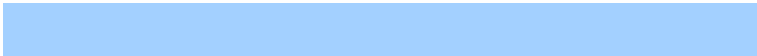
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.6193, 0.2648, 0.2849



59.9087, 0.2543, 0.2738



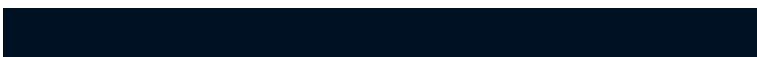
28.1778, 0.2608, 0.2420



11.1185, 0.2983, 0.3167



8.2150, 0.1760, 0.1537



0.5339, 0.1868, 0.1925

Inverse Universe

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



33.4459, 0.3475, 0.2916



52.0562, 0.3576, 0.2834



54.7243, 0.3569, 0.4037



10.7208, 0.3215, 0.3179



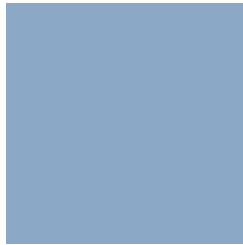
8.3693, 0.5012, 0.2535



0.4109, 0.4538, 0.2274

Previews

White Background



This preview shows how the Yxy color 37.6178, 0.2648, 0.2849 looks on a white background.

Color Contrast Check

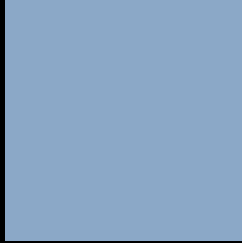
Large Text (above 18pt) WCAG AA × Fail

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 37.6178, 0.2648, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

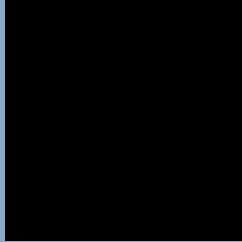
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

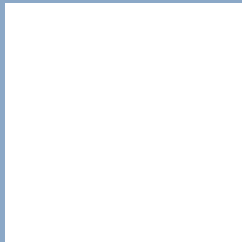
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.6178, 0.2648, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 37.6178, 0.2648, 0.2849.



This preview shows how white text looks on a background with the Yxy color 37.6178, 0.2648, 0.2849.

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

37.6178, 0.2648, 0.2849

Protanopia

37.4490, 0.2813, 0.2835

Deuteranopia

37.4464, 0.2823, 0.2762



Tritanopia

37.8208, 0.2733, 0.3098

Trichromacy



Original Color

37.6178, 0.2648, 0.2849

Protanomaly

37.5208, 0.2750, 0.2843

Deuteranomaly

37.5911, 0.2752, 0.2794

Tritanomaly

37.7419, 0.2704, 0.3013

Monochromacy



Original Color

37.6178, 0.2648, 0.2849

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.9149, 0.2936, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6178, 0.2648, 0.2849 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(139, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 168, 199)  
}
```

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(139, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 168, 199) }
```

Border

The CSS property to change the border of an element to Yxy 37.6178, 0.2648, 0.2849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

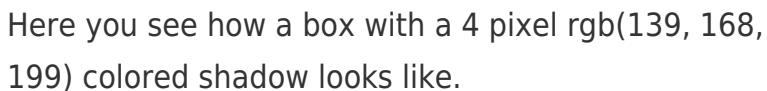
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 168, 199) }
```

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

```
.border{ border-color:rgb(139, 168, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 168, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 168, 199); box-shadow:4px 4px 4px 4px rgb(139, 168, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6178, 0.2648, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 168, 199) }
```

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

```
.background{ background-color: rgb(139,  
168, 199) }
```

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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