

Converting Colors

$Y_{xy}(36.9859, 0.2719, 0.2844)$

Have a look what the booklet for
Yxy(36.9859, 0.2719, 0.2844)
contains.

Yxy(37.0988, 0.2726, 0.2852)	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(37.0988, 0.2726, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	93A5C4
RGB	147, 165, 196
RGB Percent	58%, 65%, 77%
CMY	0.4233, 0.3530, 0.2313
CMYK	0.25, 0.16, 0.00, 0.23
HSL	218°, 29%, 67%
HSV	218°, 25%, 77%
XYZ	35.4598, 37.0988, 57.5214
YIQ	163.1520, -20.6790, 5.8250

Conversions

Conversions Part 2

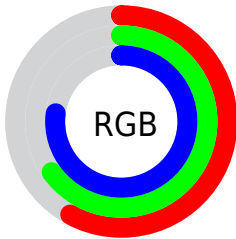
Format	Color
R _Y B	147, 160, 196
Decimal	9676228
CIE Lab	67.35, 0.67, -17.97
CIE LCh	67, 17.983, 272.144
Yxy	37.0988, 0.2726, 0.2852
Android (android.graphics.Color)	4287866308 (0xFF93A5C4)
YUV	163.1520, 16.1941, -14.1653
Hunter-Lab	60.9088, -2.6715, -13.3564

Details

The Yxy color **37.0988, 0.2726, 0.2852** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.7181, 0.3551, 0.3692**, and the grayscale version is **36.6359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8348, 0.2802, 0.2933**, and **16.1961, 0.2602, 0.2717** is the 20% darker color. If you saturate the color by 10%, you get **31.1739, 0.2553, 0.2643**, and if you desaturate by 10%, it is **43.7707, 0.2893, 0.3042**.

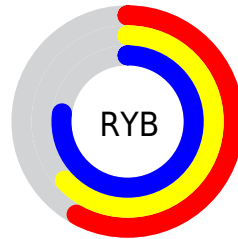
Distribution



Red (58%)

Green (65%)

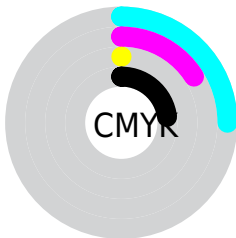
Blue (77%)



Red (58%)

Yellow (63%)

Blue (77%)

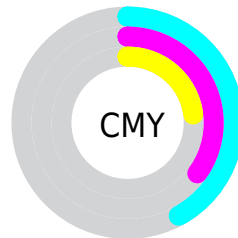


Cyan (25%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (42%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0988, 0.2726, 0.2852 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 37.0988, 0.2726, 0.2852 by changing the saturation by 10% instead.

■ 37.0988, 0.2726,
0.2852

■ 37.0988, 0.2726,
0.2852

333.7381, 0.2932,
0.3077

■ 25.2840, 0.2673,
0.2794

■ 70.7247, 0.2802,
0.2935

■ 16.2888, 0.2604,
0.2720

■ 93.3046, 0.2830,
0.2966

■ 9.7287, 0.2511,
0.2619

120.2417, 0.2854,
0.2991

■ 5.2195, 0.2379,
0.2476

151.9203, 0.2874,
0.3013

■ 2.3766, 0.2178,
0.2259

188.7248, 0.2892,
0.3033

■ 0.8138, 0.1841,
0.1897

231.0397, 0.2907,

■ 0.0000, 0.0000,

0.3049

0.0000

279.2493, 0.2920,
0.3064

■ 37.0988, 0.2726,
0.2852

■ 37.0988, 0.2726,
0.2852

■ 31.1739, 0.2553,
0.2643

■ 43.7707, 0.2893,
0.3042

■ 25.9635, 0.2377,
0.2418

■ 51.2116, 0.3052,
0.3212

■ 21.4393, 0.2206,
0.2180

■ 59.4478, 0.3200,
0.3364

■ 17.5688, 0.2045,
0.1935

■ 68.5032, 0.3338,
0.3497

■ 14.3168, 0.1901,
0.1694

■ 78.4007, 0.3464,
0.3614

■ 11.6436, 0.1782,
0.1464

■ 87.2827, 0.3510,
0.3726

■ 9.5034, 0.1693,
0.1255

■ 94.8289, 0.3484,
0.3842

■ 8.5939, 0.1656,
0.1160

■ 96.7659, 0.3478,
0.3870

Harmonies

Analogous

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



37.0988, 0.2622, 0.2961



37.0988, 0.2726, 0.2852



37.0988, 0.2937, 0.2856

Triad

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



37.0988, 0.2726, 0.2852



37.0988, 0.3634, 0.3376



37.0988, 0.3030, 0.3652

Complementary

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



37.0988, 0.2726, 0.2852



45.7181, 0.3551, 0.3692

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.



37.0988, 0.3302, 0.3767



37.0988, 0.2726, 0.2852



37.0988, 0.3658, 0.3591

Square

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



37.0988, 0.2726, 0.2852



37.0988, 0.3467, 0.3151



37.0988, 0.3534, 0.3739



37.0988, 0.2792, 0.3426

Rectangle

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



37.0988, 0.2726, 0.2852



37.0988, 0.3115, 0.2918



37.0988, 0.3534, 0.3739



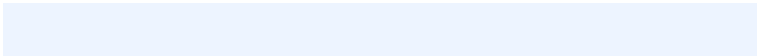
37.0988, 0.3120, 0.3705

Sweetspot

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



37.1003, 0.2726, 0.2852



89.7641, 0.3019, 0.3178



48.9093, 0.2881, 0.3538



19.0316, 0.3009, 0.3168



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.



37.1003, 0.2726, 0.2852



61.1375, 0.2631, 0.2739



31.7010, 0.2760, 0.2600



10.3386, 0.2984, 0.3140



5.6725, 0.1663, 0.1185



0.3770, 0.1791, 0.1648

Inverse Universe

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



35.3389, 0.3459, 0.3056



57.7817, 0.3556, 0.3001



52.4731, 0.3444, 0.3918



10.1375, 0.3233, 0.3206



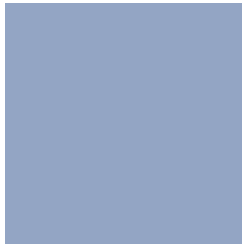
7.8549, 0.5487, 0.2797



0.3527, 0.4871, 0.2457

Previews

White Background



This preview shows how the Yxy color 37.0988, 0.2726, 0.2852 looks on a white background.

Color Contrast Check

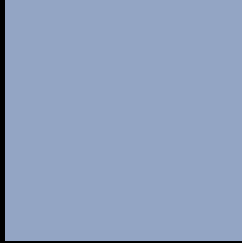
Large Text (above 18pt) WCAG AA × Fail

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 37.0988, 0.2726, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

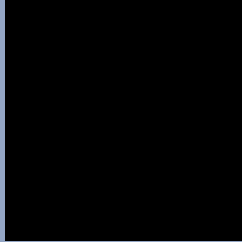
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

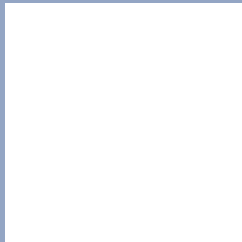
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0988, 0.2726, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 37.0988, 0.2726, 0.2852.



This preview shows how white text looks on a background with the Yxy color 37.0988, 0.2726, 0.2852.

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

37.0988, 0.2726, 0.2852

Protanopia

36.9038, 0.2819, 0.2845

Deuteranopia

36.9594, 0.2845, 0.2786



Tritanopia

37.2708, 0.2815, 0.3100

Trichromacy



Original Color

37.0988, 0.2726, 0.2852

Protanomaly

36.9068, 0.2779, 0.2842

Deuteranomaly

37.0400, 0.2796, 0.2807

Tritanomaly

37.2023, 0.2785, 0.3015

Monochromacy



Original Color

37.0988, 0.2726, 0.2852

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8142, 0.2970, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0988, 0.2726, 0.2852 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(147, 165, 196)` looks like.

```
.text, #text, p{  
    color:rgb(147, 165, 196)  
}
```

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(147, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 165, 196) }
```

Border

The CSS property to change the border of an element to Yxy 37.0988, 0.2726, 0.2852 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(147, 165, 196) }
```

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

```
.border{ border-color:rgb(147, 165, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 165, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(147, 165,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0988, 0.2726, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 165, 196) }
```

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

```
.background{ background-color: rgb(147,  
165, 196) }
```

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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