

Converting Colors

$Y_{xy}(32.5171, 0.2382, 0.2840)$

Have a look what the booklet for
Yxy(32.5171, 0.2382, 0.2840)
contains.

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Color

Yxy(32.3798, 0.2382, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	5EA3C0
RGB	94, 163, 192
RGB Percent	37%, 64%, 75%
CMY	0.6315, 0.3608, 0.2470
CMYK	0.51, 0.15, 0.00, 0.25
HSL	198°, 44%, 56%
HSV	198°, 51%, 75%
XYZ	27.2251, 32.3798, 54.6902
YIQ	145.6750, -50.4330, -5.6090

Conversions

Conversions Part 2

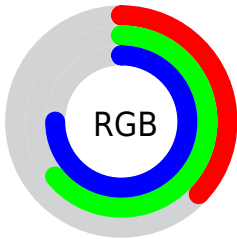
Format	Color
RYB	94, 134, 192
Decimal	6202304
CIELab	63.66, -13.75, -21.64
CIElCh	64, 25.642, 237.577
Yxy	32.3798, 0.2382, 0.2833
Android (android.graphics.Color)	4284392384 (0xFF5EA3C0)
YUV	145.6750, 22.8382, -45.3190
Hunter-Lab	56.9033, -14.1782, -17.1519

Details

The Yxy color **32.3798, 0.2382, 0.2833** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **26.1717, 0.4342, 0.3685**, and the grayscale version is **28.5219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4041, 0.2526, 0.2933**, and **13.5272, 0.2158, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **29.5176, 0.2263, 0.2725**, and if you desaturate by 10%, it is **35.5874, 0.2514, 0.2936**.

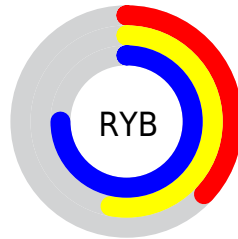
Distribution



Red (37%)

Green (64%)

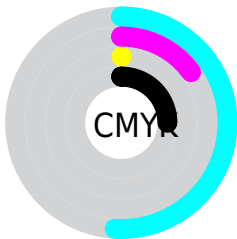
Blue (75%)



Red (37%)

Yellow (53%)

Blue (75%)

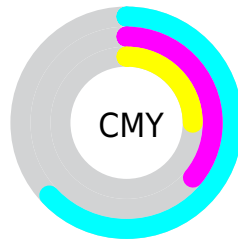


Cyan (51%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (63%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.3798, 0.2382, 0.2833 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 32.3798, 0.2382, 0.2833 by changing the saturation by 10% instead.

■ 32.3798, 0.2382,
0.2833

■ 32.3798, 0.2382,
0.2833

■ 312.8457, 0.2765,
0.3080

■ 21.6518, 0.2284,
0.2766

■ 63.4060, 0.2523,
0.2927

■ 13.6012, 0.2157,
0.2676

■ 84.4730, 0.2576,
0.2961

■ 7.8439, 0.1987,
0.2551

■ 109.7551, 0.2620,
0.2989

■ 3.9952, 0.1750,
0.2367

■ 139.6366, 0.2658,
0.3013

■ 1.6709, 0.1403,
0.2077

■ 174.5021, 0.2690,
0.3034

■ 0.4047, 0.0176,
0.1453

■ 214.7358, 0.2719,

■ 0.0000, 0.0000,

0.3051

0.0000

260.7223, 0.2743,
0.3067

■ 32.3798, 0.2382,
0.2833

■ 32.3798, 0.2382,
0.2833

■ 29.5176, 0.2263,
0.2725

■ 35.5874, 0.2514,
0.2936

■ 26.9770, 0.2161,
0.2615

■ 39.1551, 0.2657,
0.3033

■ 24.7361, 0.2077,
0.2503

■ 43.1008, 0.2806,
0.3124

■ 22.7679, 0.2014,
0.2392

■ 47.4402, 0.2958,
0.3207

■ 21.1946, 0.1971,
0.2294

■ 52.1876, 0.3111,
0.3282

■ 57.3569, 0.3262,
0.3350

■ 62.9611, 0.3409,
0.3411

■ 69.0125, 0.3551,
0.3464

■ 73.2222, 0.3596,
0.3518

Harmonies

Analogous

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



32.3798, 0.2441, 0.3154



32.3798, 0.2382, 0.2833



32.3798, 0.2504, 0.2659

Triad

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



32.3798, 0.2382, 0.2833



32.3798, 0.3580, 0.3036



32.3798, 0.3437, 0.4019

Complementary

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



32.3798, 0.2382, 0.2833



26.1717, 0.4342, 0.3685

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.



32.3798, 0.3769, 0.3928



32.3798, 0.2382, 0.2833



32.3798, 0.3863, 0.3353

Square

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



32.3798, 0.2382, 0.2833



32.3798, 0.3179, 0.2784



32.3798, 0.3931, 0.3676



32.3798, 0.3036, 0.3883

Rectangle

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



32.3798, 0.2382, 0.2833



32.3798, 0.2677, 0.2634



32.3798, 0.3931, 0.3676



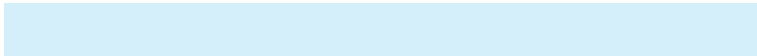
32.3798, 0.3561, 0.4012

Sweetspot

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



32.3810, 0.2382, 0.2833



82.5778, 0.2894, 0.3173



41.4805, 0.2888, 0.4443



17.3581, 0.2862, 0.3156



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



32.3810, 0.2382, 0.2833



53.0344, 0.2253, 0.2715



18.4916, 0.2225, 0.2029



10.9090, 0.2984, 0.3220



14.4004, 0.1974, 0.2307



0.7372, 0.2042, 0.2552

Inverse Universe

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



21.8506, 0.3541, 0.2391



33.3390, 0.3666, 0.2234



41.0531, 0.3995, 0.4284



10.1951, 0.3182, 0.3129



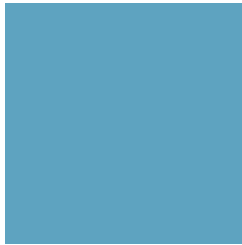
8.7360, 0.4119, 0.2043



0.3891, 0.3870, 0.1906

Previews

White Background



This preview shows how the Yxy color 32.3798, 0.2382, 0.2833 looks on a white background.

Color Contrast Check

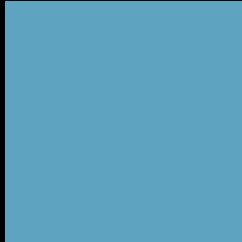
Large Text (above 18pt) WCAG AA × Fail

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 32.3798, 0.2382, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

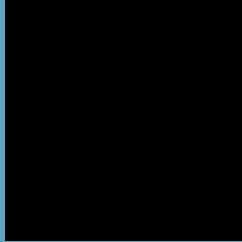
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3798, 0.2382, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 32.3798, 0.2382, 0.2833.

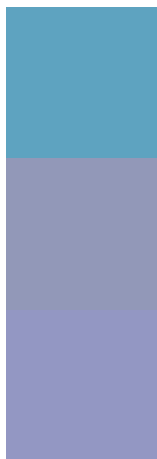


This preview shows how white text looks on a background with the Yxy color 32.3798, 0.2382, 0.2833.

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

32.3798, 0.2382, 0.2833

Protanopia

32.0282, 0.2793, 0.2819

Deuteranopia

32.2764, 0.2715, 0.2660



Tritanopia

32.2888, 0.2437, 0.3060

Trichromacy



Original Color

32.3798, 0.2382, 0.2833

Protanomaly

31.8768, 0.2618, 0.2819

Deuteranomaly

31.9269, 0.2575, 0.2708

Tritanomaly

32.2358, 0.2415, 0.2967

Monochromacy



Original Color

32.3798, 0.2382, 0.2833

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.6128, 0.2794, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3798, 0.2382, 0.2833 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(94, 163, 192)` looks like.

```
.text, #text, p{  
    color:rgb(94, 163, 192)  
}
```

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(94, 163, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 163, 192) }
```

Border

The CSS property to change the border of an element to Yxy 32.3798, 0.2382, 0.2833 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(94, 163, 192) }
```

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

```
.border{ border-color:rgb(94, 163, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 163, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 163, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 163, 192);  
box-shadow:4px 4px 4px 4px rgb(94, 163,  
192) }
```


Background

The CSS property to change the background color of an element to `rgb(94, 163, 192)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 163, 192) }
```

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

```
.background{ background-color: rgb(94, 163,  
192) }
```

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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