

Converting Colors

$Y_{xy}(33.0078, 0.2352, 0.2764)$

Have a look what the booklet for
Yxy(33.0078, 0.2352, 0.2764)
contains.

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Color

Yxy(33.0078, 0.2352, 0.2764)

Conversions

Conversions Part 1

Format	Color
Hex	5EA4C6
RGB	94, 164, 198
RGB Percent	37%, 64%, 78%
CMY	0.6313, 0.3569, 0.2235
CMYK	0.53, 0.17, 0.00, 0.22
HSL	200°, 48%, 57%
HSV	200°, 53%, 78%
XYZ	28.0877, 33.0078, 58.3249
YIQ	146.9460, -52.6340, -4.2660

Conversions

Conversions Part 2

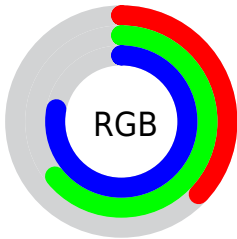
Format	Color
R_{YB}	94, 136, 198
Decimal	6202566
CIE _{Lab}	64.17, -12.51, -24.21
CIE _{LCh}	64, 27.250, 242.674
Yxy	33.0078, 0.2352, 0.2764
Android (android.graphics.Color)	4284392646 (0xFF5EA4C6)
YUV	146.9460, 25.1696, -46.4336
Hunter-Lab	57.4524, -13.2756, -19.9737

Details

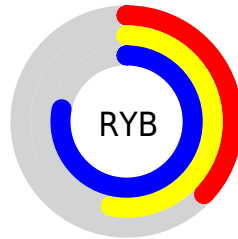
The Yxy color **33.0078, 0.2352, 0.2764** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **28.2669, 0.4369, 0.3738**, and the grayscale version is **29.0679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4623, 0.2499, 0.2869**, and **13.8933, 0.2120, 0.2585** is the 20% darker color. If you saturate the color by 10%, you get **29.8329, 0.2231, 0.2643**, and if you desaturate by 10%, it is **36.5718, 0.2487, 0.2880**.

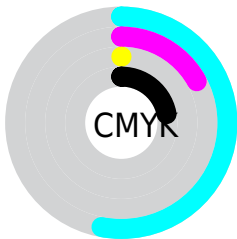
Distribution



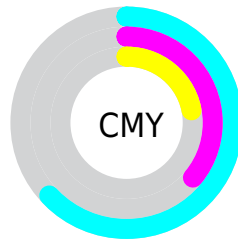
- Red (37%)
- Green (64%)
- Blue (78%)



- Red (37%)
- Yellow (53%)
- Blue (78%)



- Cyan (53%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.0078, 0.2352, 0.2764 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 33.0078, 0.2352, 0.2764 by changing the saturation by 10% instead.


 33.0078, 0.2352,
0.2764


 33.0078, 0.2352,
0.2764


315.6849, 0.2749,
0.3045


 22.1324, 0.2251,
0.2689


 64.3877, 0.2498,
0.2870

 13.9542, 0.2122,
0.2589


 85.6610, 0.2552,
0.2909

 8.0888, 0.1949,
0.2452


 111.1691, 0.2598,
0.2941

 4.1518, 0.1711,
0.2255

 141.2964, 0.2637,
0.2968

 1.7589, 0.1368,
0.1950

176.4272, 0.2671,
0.2992

 0.4613, 0.0393,
0.1362

216.9459, 0.2700,

 0.0000, 0.0000,

0.3012

0.0000

263.2370, 0.2726,
0.3030

■ 33.0078, 0.2352,
0.2764

■ 33.0078, 0.2352,
0.2764

■ 29.8329, 0.2231,
0.2643

■ 36.5718, 0.2487,
0.2880

■ 27.0206, 0.2126,
0.2519

■ 40.5416, 0.2631,
0.2990

■ 24.5465, 0.2041,
0.2394

■ 44.9373, 0.2782,
0.3092

■ 22.3797, 0.1977,
0.2270

■ 49.7761, 0.2935,
0.3185

■ 20.9179, 0.1939,
0.2178

■ 55.0743, 0.3089,
0.3270

60.8473, 0.3240,
0.3346

67.1095, 0.3387,
0.3414

73.8749, 0.3528,
0.3474

77.7383, 0.3533,
0.3538

Harmonies

Analogous

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



33.0078, 0.2381, 0.3079



33.0078, 0.2352, 0.2764



33.0078, 0.2510, 0.2612

Triad

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



33.0078, 0.2352, 0.2764



33.0078, 0.3669, 0.3075



33.0078, 0.3383, 0.4055

Complementary

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



33.0078, 0.2352, 0.2764



28.2669, 0.4369, 0.3738

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.



33.0078, 0.3754, 0.3994



33.0078, 0.2352, 0.2764



33.0078, 0.3934, 0.3414

Square

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



33.0078, 0.2352, 0.2764



33.0078, 0.3256, 0.2796



33.0078, 0.3963, 0.3747



33.0078, 0.2959, 0.3871

Rectangle

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



33.0078, 0.2352, 0.2764



33.0078, 0.2710, 0.2606



33.0078, 0.3963, 0.3747



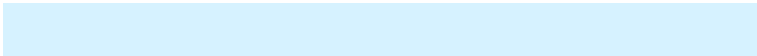
33.0078, 0.3518, 0.4061

Sweetspot

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



33.0090, 0.2352, 0.2764



84.8441, 0.2878, 0.3151



44.3072, 0.2863, 0.4428



17.7762, 0.2846, 0.3132



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.



33.0090, 0.2352, 0.2764



52.0688, 0.2215, 0.2625



18.2902, 0.2185, 0.1927



11.4601, 0.2984, 0.3213



13.7627, 0.1943, 0.2195



0.7797, 0.2014, 0.2450

Inverse Universe

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



22.6986, 0.3601, 0.2404



33.6132, 0.3750, 0.2252



45.0367, 0.4000, 0.4349



10.7553, 0.3187, 0.3136



8.9293, 0.4238, 0.2108



0.4357, 0.3972, 0.1962

Previews

White Background



This preview shows how the Yxy color 33.0078, 0.2352, 0.2764 looks on a white background.

Color Contrast Check

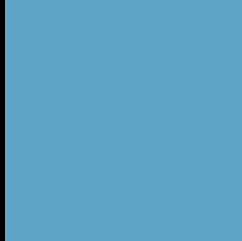
Large Text (above 18pt) WCAG AA × Fail

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 33.0078, 0.2352, 0.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

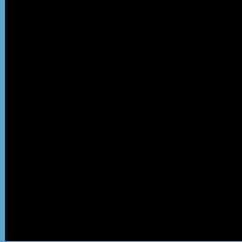
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0078, 0.2352, 0.2764

Background



This preview shows how black text looks on a background with the Yxy color 33.0078, 0.2352, 0.2764.

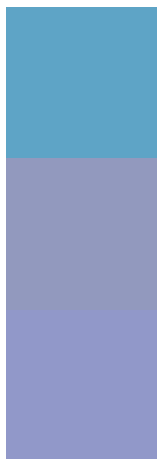


This preview shows how white text looks on a background with the Yxy color 33.0078, 0.2352, 0.2764.

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

33.0078, 0.2352, 0.2764

Protanopia

32.6112, 0.2747, 0.2753

Deuteranopia

32.6933, 0.2656, 0.2596



Tritanopia

33.0483, 0.2426, 0.3062

Trichromacy



Original Color

33.0078, 0.2352, 0.2764

Protanomaly

32.4762, 0.2579, 0.2752

Deuteranomaly

32.3827, 0.2523, 0.2642

Tritanomaly

33.0340, 0.2398, 0.2954

Monochromacy



Original Color

33.0078, 0.2352, 0.2764

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.1248, 0.2780, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0078, 0.2352, 0.2764 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, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(94, 164, 198)  
}
```

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, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 164, 198) }
```

Border

The CSS property to change the border of an element to Yxy 33.0078, 0.2352, 0.2764 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, 164, 198) }
```

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

```
.border{ border-color:rgb(94, 164, 198) }
```

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

Here you see how a box with a 4 pixel rgb(94, 164, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(94, 164,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0078, 0.2352, 0.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 164, 198) }
```

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

```
.background{ background-color: rgb(94, 164,  
198) }
```

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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