

Converting Colors

$Y_{xy}(32.7274, 0.2662, 0.2645)$

Have a look what the booklet for
Yxy(32.7274, 0.2662, 0.2645)
contains.

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Color

Yxy(32.6993, 0.2662, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	8F99C6
RGB	143, 153, 198
RGB Percent	56%, 60%, 78%
CMY	0.4394, 0.4000, 0.2234
CMYK	0.28, 0.23, 0.00, 0.22
HSL	229°, 33%, 67%
HSV	229°, 28%, 78%
XYZ	32.9095, 32.6993, 58.0181
YIQ	155.1400, -20.4050, 11.8750

Conversions

Conversions Part 2

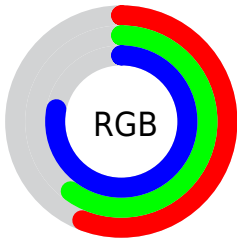
Format	Color
R_{YB}	143, 151, 198
Decimal	9411014
CIE Lab	63.92, 6.63, -24.36
CIE LCh	64, 25.242, 285.231
Yxy	32.6993, 0.2662, 0.2645
Android (android.graphics.Color)	4287601094 (0xFF8F99C6)
YUV	155.1400, 21.1300, -10.6468
Hunter-Lab	57.1833, 2.6575, -20.1272

Details

The Yxy color **32.6993, 0.2662, 0.2645** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.9498, 0.3574, 0.3861**, and the grayscale version is **32.7537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8514, 0.2755, 0.2763**, and **13.7405, 0.2512, 0.2448** is the 20% darker color. If you saturate the color by 10%, you get **26.1414, 0.2471, 0.2366**, and if you desaturate by 10%, it is **40.2908, 0.2842, 0.2901**.

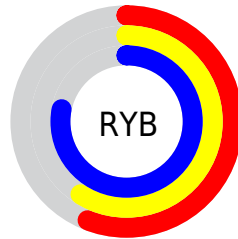
Distribution



Red (56%)

Green (60%)

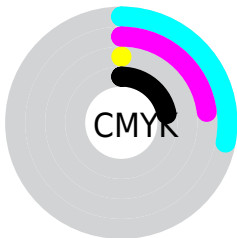
Blue (78%)



Red (56%)

Yellow (59%)

Blue (78%)

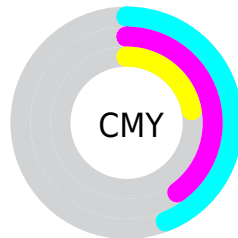


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6993, 0.2662, 0.2645 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 32.6993, 0.2662, 0.2645 by changing the saturation by 10% instead.

■ 32.6993, 0.2662,
0.2645

■ 32.6993, 0.2662,
0.2645

■ 314.2926, 0.2906,
0.2976

■ 21.8962, 0.2598,
0.2560

■ 63.9058, 0.2753,
0.2767

■ 13.7806, 0.2513,
0.2451

■ 85.0779, 0.2787,
0.2812

■ 7.9683, 0.2398,
0.2304

■ 110.4752, 0.2815,
0.2850

■ 4.0746, 0.2233,
0.2098

■ 140.4821, 0.2839,
0.2883

■ 1.7154, 0.1980,
0.1792

■ 175.4828, 0.2859,
0.2911

■ 0.4336, 0.1527,
0.1153

■ 215.8619, 0.2877,

■ 0.0000, 0.0000,

0.2936

0.0000

262.0037, 0.2892,
0.2957

■ 32.6993, 0.2662,
0.2645

■ 32.6993, 0.2662,
0.2645

■ 26.1414, 0.2471,
0.2366

■ 40.2908, 0.2842,
0.2901

■ 20.5682, 0.2276,
0.2069

■ 48.9544, 0.3008,
0.3130

■ 15.9322, 0.2084,
0.1765

■ 58.7313, 0.3159,
0.3332

■ 12.1806, 0.1905,
0.1469

■ 69.6594, 0.3294,
0.3510

■ 9.2552, 0.1753,
0.1197

■ 81.7748, 0.3415,
0.3664

■ 7.0901, 0.1636,
0.0968

■ 93.8031, 0.3475,
0.3805

■ 5.6025, 0.1559,
0.0794

■ 96.8584, 0.3466,
0.3850

■ 5.3477, 0.1545,
0.0763

Harmonies

Analogous

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



32.6993, 0.2445, 0.2722



32.6993, 0.2662, 0.2645



32.6993, 0.3012, 0.2722

Triad

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



32.6993, 0.2662, 0.2645



32.6993, 0.3917, 0.3543



32.6993, 0.2818, 0.3696

Complementary

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



32.6993, 0.2662, 0.2645



49.9498, 0.3574, 0.3861

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.



32.6993, 0.3202, 0.3954



32.6993, 0.2662, 0.2645



32.6993, 0.3848, 0.3829

Square

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



32.6993, 0.2662, 0.2645



32.6993, 0.3756, 0.3220



32.6993, 0.3581, 0.3993



32.6993, 0.2529, 0.3315

Rectangle

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



32.6993, 0.2662, 0.2645



32.6993, 0.3283, 0.2847



32.6993, 0.3581, 0.3993



32.6993, 0.2940, 0.3802

Sweetspot

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



32.7006, 0.2662, 0.2645



86.1506, 0.3003, 0.3123



49.8643, 0.2790, 0.3428



17.9136, 0.2979, 0.3090



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.



32.7006, 0.2662, 0.2645



51.0636, 0.2555, 0.2489



31.2280, 0.2802, 0.2529



10.5953, 0.2983, 0.3095



3.5685, 0.1550, 0.0781



0.2669, 0.1652, 0.1147

Inverse Universe

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



33.9440, 0.3617, 0.3159



53.8829, 0.3757, 0.3131



52.1562, 0.3394, 0.4012



10.6680, 0.3261, 0.3248



7.9002, 0.6101, 0.3134



0.3840, 0.5543, 0.2827

Previews

White Background



This preview shows how the Yxy color 32.6993, 0.2662, 0.2645 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 32.6993, 0.2662, 0.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

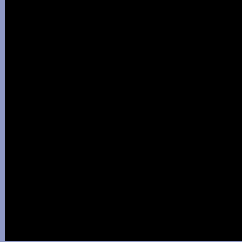
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6993, 0.2662, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 32.6993, 0.2662, 0.2645.



This preview shows how white text looks on a background with the Yxy color 32.6993, 0.2662, 0.2645.

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

32.6993, 0.2662, 0.2645

Protanopia

32.6993, 0.2662, 0.2645

Deuteranopia

32.7367, 0.2694, 0.2636



Tritanopia

32.7124, 0.2824, 0.3090

Trichromacy



Original Color

32.6993, 0.2662, 0.2645

Protanomaly

32.6993, 0.2662, 0.2645

Deuteranomaly

32.6447, 0.2686, 0.2635

Tritanomaly

32.6021, 0.2760, 0.2915

Monochromacy



Original Color

32.6993, 0.2662, 0.2645

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6308, 0.2947, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6993, 0.2662, 0.2645 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(143, 153, 198)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 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(143, 153, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 198) }
```

Border

The CSS property to change the border of an element to Yxy 32.6993, 0.2662, 0.2645 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(143, 153, 198) }
```

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

```
.border{ border-color:rgb(143, 153, 198) }
```

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

Here you see how a box with a 4 pixel rgb(143, 153, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 198);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6993, 0.2662, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 198) }
```

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

```
.background{ background-color: rgb(143,  
153, 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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