

Converting Colors

$Y_{xy}(32.9778, 0.2758, 0.2731)$

Have a look what the booklet for
Yxy(32.9778, 0.2758, 0.2731)
contains.

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Color

Yxy(32.9778, 0.2758, 0.2731)

Conversions

Conversions Part 1

Format	Color
Hex	9599C0
RGB	149, 153, 192
RGB Percent	58%, 60%, 75%
CMY	0.4155, 0.4000, 0.2471
CMYK	0.22, 0.20, 0.00, 0.25
HSL	234°, 25%, 67%
HSV	234°, 22%, 75%
XYZ	33.3038, 32.9778, 54.4719
YIQ	156.2500, -14.9030, 11.2810

Conversions

Conversions Part 2

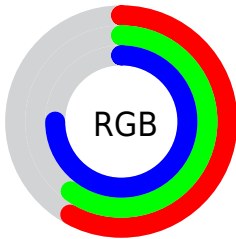
Format	Color
R_{YB}	149, 153, 192
Decimal	9804224
CIE Lab	64.14, 7.05, -20.59
CIE LCh	64, 21.767, 288.907
Yxy	32.9778, 0.2758, 0.2731
Android (android.graphics.Color)	4287994304 (0xFF9599C0)
YUV	156.2500, 17.6247, -6.3582
Hunter-Lab	57.4263, 3.0233, -16.0413

Details

The Yxy color **32.9778, 0.2758, 0.2731** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.3561, 0.3470, 0.3794**, and the grayscale version is **33.2907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2403, 0.2836, 0.2840**, and **13.8791, 0.2637, 0.2565** is the 20% darker color. If you saturate the color by 10%, you get **26.0243, 0.2567, 0.2434**, and if you desaturate by 10%, it is **41.0651, 0.2934, 0.3000**.

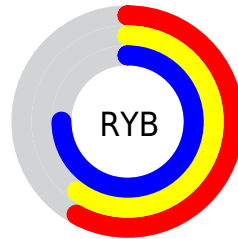
Distribution



Red (58%)

Green (60%)

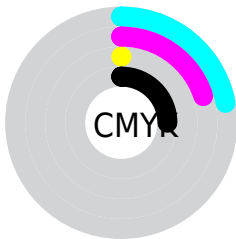
Blue (75%)



Red (58%)

Yellow (60%)

Blue (75%)

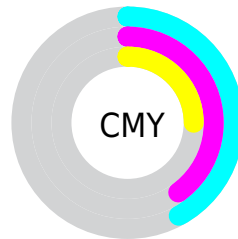


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9778, 0.2758, 0.2731 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 32.9778, 0.2758, 0.2731 by changing the saturation by 10% instead.

■ 32.9778, 0.2758,
0.2731

■ 32.9778, 0.2758,
0.2731

■ 315.5497, 0.2953,
0.3019

■ 22.1094, 0.2706,
0.2657

■ 64.3409, 0.2831,
0.2837

■ 13.9373, 0.2638,
0.2561

■ 85.6044, 0.2858,
0.2877

■ 8.0771, 0.2544,
0.2431

■ 111.1017, 0.2880,
0.2910

■ 4.1443, 0.2408,
0.2247

■ 141.2173, 0.2899,
0.2938

■ 1.7546, 0.2194,
0.1969

■ 176.3354, 0.2915,
0.2962

■ 0.4586, 0.1804,
0.1361

■ 216.8406, 0.2929,

■ 0.0000, 0.0000,

0.2983

0.0000

263.1173, 0.2942,
0.3002

■ 32.9778, 0.2758,
0.2731

■ 32.9778, 0.2758,
0.2731

■ 26.0243, 0.2567,
0.2434

■ 41.0651, 0.2934,
0.3000

■ 20.1500, 0.2365,
0.2116

■ 50.3297, 0.3092,
0.3238

■ 15.3019, 0.2160,
0.1787

■ 60.8174, 0.3233,
0.3447

■ 11.4208, 0.1964,
0.1464

■ 72.5706, 0.3356,
0.3628

■ 8.4415, 0.1790,
0.1170

■ 85.6296, 0.3464,
0.3784

■ 6.2906, 0.1653,
0.0925

■ 96.5853, 0.3502,
0.3910

■ 4.8830, 0.1560,
0.0747

■ 4.2278, 0.1517,
0.0659

Harmonies

Analogous

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



32.9778, 0.2551, 0.2784



32.9778, 0.2758, 0.2731



32.9778, 0.3072, 0.2812

Triad

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



32.9778, 0.2758, 0.2731



32.9778, 0.3808, 0.3548



32.9778, 0.2826, 0.3600

Complementary

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



32.9778, 0.2758, 0.2731



49.3561, 0.3470, 0.3794

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.



32.9778, 0.3152, 0.3838



32.9778, 0.2758, 0.2731



32.9778, 0.3728, 0.3783

Square

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



32.9778, 0.2758, 0.2731



32.9778, 0.3694, 0.3267



32.9778, 0.3484, 0.3900



32.9778, 0.2588, 0.3274

Rectangle

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



32.9778, 0.2758, 0.2731



32.9778, 0.3306, 0.2930



32.9778, 0.3484, 0.3900



32.9778, 0.2928, 0.3695

Sweetspot

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



32.9791, 0.2758, 0.2731



82.9760, 0.3019, 0.3129



47.7049, 0.2828, 0.3348



17.5831, 0.3010, 0.3114



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.



32.9791, 0.2758, 0.2731



53.1347, 0.2663, 0.2584



33.4428, 0.2909, 0.2699



9.8939, 0.2983, 0.3074



2.8969, 0.1520, 0.0670



0.1769, 0.1585, 0.0905

Inverse Universe

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



35.0116, 0.3536, 0.3238



57.5952, 0.3660, 0.3226



48.9571, 0.3312, 0.3868



10.0926, 0.3275, 0.3269



7.5747, 0.6282, 0.3235



0.3325, 0.5903, 0.3026

Previews

White Background



This preview shows how the Yxy color 32.9778, 0.2758, 0.2731 looks on a white background.

Color Contrast Check

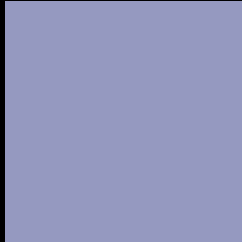
Large Text (above 18pt) WCAG AA × Fail

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 32.9778, 0.2758, 0.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

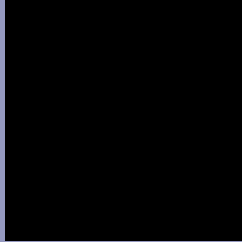
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9778, 0.2758, 0.2731

Background



This preview shows how black text looks on a background with the Yxy color 32.9778, 0.2758, 0.2731.



This preview shows how white text looks on a background with the Yxy color 32.9778, 0.2758, 0.2731.

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

32.9778, 0.2758, 0.2731

Protanopia

33.0725, 0.2726, 0.2729

Deuteranopia

32.9376, 0.2783, 0.2720



Tritanopia

32.9983, 0.2910, 0.3108

Trichromacy



Original Color

32.9778, 0.2758, 0.2731

Protanomaly

33.1645, 0.2734, 0.2730

Deuteranomaly

32.8416, 0.2774, 0.2719

Tritanomaly

33.0623, 0.2853, 0.2977

Monochromacy



Original Color

32.9778, 0.2758, 0.2731

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.0796, 0.2983, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9778, 0.2758, 0.2731 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(149, 153, 192)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 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(149, 153, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 192) }
```

Border

The CSS property to change the border of an element to Yxy 32.9778, 0.2758, 0.2731 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(149, 153, 192) }
```

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

```
.border{ border-color:rgb(149, 153, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 153, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9778, 0.2758, 0.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 192) }
```

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

```
.background{ background-color: rgb(149,  
153, 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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