

Converting Colors

$Yxy(34.0033, 0.2726, 0.2692)$

Have a look what the booklet for
Yxy(34.0033, 0.2726, 0.2692)
contains.

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Color

Yxy(34.0039, 0.2723, 0.2685)

Conversions

Conversions Part 1

Format	Color
Hex	969BC6
RGB	150, 155, 198
RGB Percent	59%, 61%, 78%
CMY	0.4119, 0.3921, 0.2236
CMYK	0.24, 0.22, 0.00, 0.22
HSL	234°, 30%, 68%
HSV	234°, 24%, 78%
XYZ	34.4851, 34.0039, 58.1549
YIQ	158.4070, -16.7830, 12.3130

Conversions

Conversions Part 2

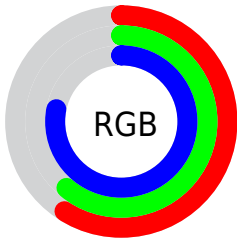
Format	Color
R_{YB}	150, 155, 198
Decimal	9870278
CIE _{Lab}	64.97, 7.63, -22.67
CIE _{LCh}	65, 23.922, 288.590
Yxy	34.0039, 0.2723, 0.2685
Android (android.graphics.Color)	4288060358 (0xFF969BC6)
YUV	158.4070, 19.5193, -7.3729
Hunter-Lab	58.3129, 3.5141, -18.3104

Details

The Yxy color **34.0039, 0.2723, 0.2685** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.3111, 0.3503, 0.3830**, and the grayscale version is **34.3002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8001, 0.2802, 0.2792**, and **14.5109, 0.2593, 0.2505** is the 20% darker color. If you saturate the color by 10%, you get **26.8121, 0.2530, 0.2387**, and if you desaturate by 10%, it is **42.3809, 0.2902, 0.2956**.

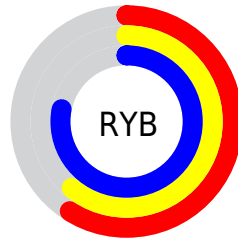
Distribution



Red (59%)

Green (61%)

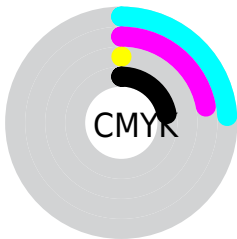
Blue (78%)



Red (59%)

Yellow (61%)

Blue (78%)

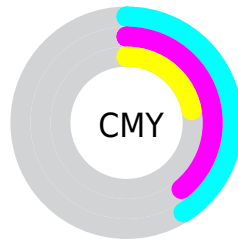


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (39%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0039, 0.2723, 0.2685 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 34.0039, 0.2723, 0.2685 by changing the saturation by 10% instead.

■ 34.0039, 0.2723,
0.2685

■ 34.0039, 0.2723,
0.2685

■ 320.1494, 0.2935,
0.2994

■ 22.8966, 0.2667,
0.2606

■ 65.9397, 0.2802,
0.2798

■ 14.5172, 0.2594,
0.2505

■ 87.5371, 0.2831,
0.2841

■ 8.4812, 0.2495,
0.2369

■ 113.3998, 0.2856,
0.2876

■ 4.4044, 0.2351,
0.2179

■ 143.9125, 0.2876,
0.2907

■ 1.9022, 0.2130,
0.1897

■ 179.4593, 0.2894,
0.2933

■ 0.5497, 0.1759,
0.1365

■ 220.4249, 0.2909,

■ 0.0000, 0.0000,

0.2956

0.0000

267.1934, 0.2923,
0.2976

■ 34.0039, 0.2723,
0.2685

■ 34.0039, 0.2723,
0.2685

■ 26.8121, 0.2530,
0.2387

■ 42.3809, 0.2902,
0.2956

■ 20.7480, 0.2327,
0.2069

■ 51.9890, 0.3064,
0.3197

■ 15.7553, 0.2124,
0.1743

■ 62.8768, 0.3208,
0.3408

■ 11.7713, 0.1932,
0.1426

■ 75.0889, 0.3335,
0.3592

■ 8.7266, 0.1765,
0.1139

■ 88.6679, 0.3447,
0.3751

■ 6.5432, 0.1635,
0.0903

■ 96.8560, 0.3466,
0.3850

■ 5.1298, 0.1551,
0.0735

■ 4.6053, 0.1519,
0.0669

Harmonies

Analogous

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



34.0039, 0.2501, 0.2742



34.0039, 0.2723, 0.2685



34.0039, 0.3062, 0.2772

Triad

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



34.0039, 0.2723, 0.2685



34.0039, 0.3869, 0.3563



34.0039, 0.2802, 0.3632

Complementary

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



34.0039, 0.2723, 0.2685



52.3111, 0.3503, 0.3830

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.



34.0039, 0.3156, 0.3891



34.0039, 0.2723, 0.2685



34.0039, 0.3782, 0.3821

Square

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



34.0039, 0.2723, 0.2685



34.0039, 0.3742, 0.3259



34.0039, 0.3517, 0.3954



34.0039, 0.2544, 0.3274

Rectangle

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



34.0039, 0.2723, 0.2685



34.0039, 0.3316, 0.2898



34.0039, 0.3517, 0.3954



34.0039, 0.2913, 0.3736

Sweetspot

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



34.0053, 0.2723, 0.2685



86.9986, 0.3019, 0.3131



50.6793, 0.2809, 0.3364



18.3928, 0.3010, 0.3116



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.



34.0053, 0.2723, 0.2685



53.3686, 0.2624, 0.2534



34.2450, 0.2879, 0.2642



10.4639, 0.2983, 0.3077



3.0572, 0.1523, 0.0681



0.2070, 0.1592, 0.0929

Inverse Universe

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



36.1726, 0.3575, 0.3225



57.9945, 0.3706, 0.3210



52.2288, 0.3334, 0.3920



10.6548, 0.3273, 0.3266



7.8486, 0.6263, 0.3224



0.3779, 0.5867, 0.3006

Previews

White Background



This preview shows how the Yxy color 34.0039, 0.2723, 0.2685 looks on a white background.

Color Contrast Check

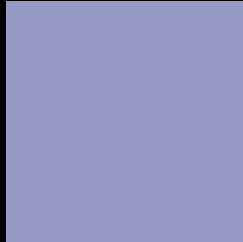
Large Text (above 18pt) WCAG AA × Fail

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 34.0039, 0.2723, 0.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

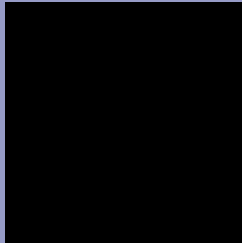
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0039, 0.2723, 0.2685

Background



This preview shows how black text looks on a background with the Yxy color 34.0039, 0.2723, 0.2685.



This preview shows how white text looks on a background with the Yxy color 34.0039, 0.2723, 0.2685.

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

34.0039, 0.2723, 0.2685

Protanopia

34.1035, 0.2692, 0.2682

Deuteranopia

33.8638, 0.2739, 0.2673



Tritanopia

34.1399, 0.2887, 0.3110

Trichromacy



Original Color

34.0039, 0.2723, 0.2685

Protanomaly

34.1964, 0.2700, 0.2684

Deuteranomaly

33.7677, 0.2730, 0.2671

Tritanomaly

33.9930, 0.2831, 0.2952

Monochromacy



Original Color

34.0039, 0.2723, 0.2685

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.0996, 0.2968, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0039, 0.2723, 0.2685 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(150, 155, 198)` looks like.

```
.text, #text, p{  
    color:rgb(150, 155, 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(150, 155, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 155, 198) }
```

Border

The CSS property to change the border of an element to Yxy 34.0039, 0.2723, 0.2685 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(150, 155, 198) }
```

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

```
.border{ border-color:rgb(150, 155, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 155, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 155, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 155, 198);  
box-shadow:4px 4px 4px 4px rgb(150, 155,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0039, 0.2723, 0.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 155, 198) }
```

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

```
.background{ background-color: rgb(150,  
155, 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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