

Converting Colors

Yxy(33.9611, 0.2686, 0.2765)

Have a look what the booklet for
Yxy(33.9611, 0.2686, 0.2765)
contains.

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Color

Yxy(34.0995, 0.2691, 0.2770)

Conversions

Conversions Part 1

Format	Color
Hex	8E9EC2
RGB	142, 158, 194
RGB Percent	56%, 62%, 76%
CMY	0.4429, 0.3804, 0.2392
CMYK	0.27, 0.19, 0.00, 0.24
HSL	222°, 30%, 66%
HSV	222°, 27%, 76%
XYZ	33.1270, 34.0995, 55.8764
YIQ	157.3200, -21.0920, 7.8040

Conversions

Conversions Part 2

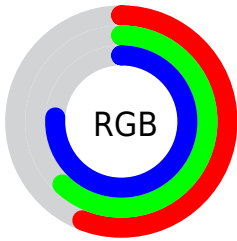
Format	Color
R_{YB}	142, 154, 194
Decimal	9346754
CIE Lab	65.04, 2.56, -20.40
CIE LCh	65, 20.555, 277.141
Yxy	34.0995, 0.2691, 0.2770
Android (android.graphics.Color)	4287536834 (0xFF8E9EC2)
YUV	157.3200, 18.0832, -13.4356
Hunter-Lab	58.3948, -0.9289, -15.8567

Details

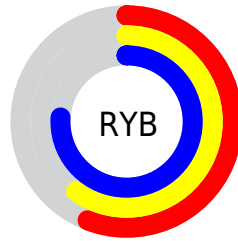
The Yxy color **34.0995, 0.2691, 0.2770** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.2941, 0.3576, 0.3760**, and the grayscale version is **33.7972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4239, 0.2776, 0.2871**, and **14.5825, 0.2552, 0.2620** is the 20% darker color. If you saturate the color by 10%, you get **28.1908, 0.2512, 0.2537**, and if you desaturate by 10%, it is **40.8119, 0.2863, 0.2982**.

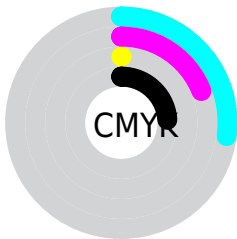
Distribution



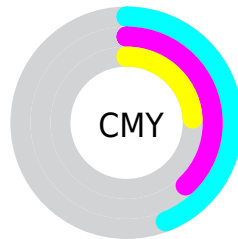
- Red (56%)
- Green (62%)
- Blue (76%)



- Red (56%)
- Yellow (60%)
- Blue (76%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (44%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0995, 0.2691, 0.2770 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 34.0995, 0.2691, 0.2770 by changing the saturation by 10% instead.

■ 34.0995, 0.2691,
0.2770

■ 34.0995, 0.2691,
0.2770

■ 320.5755, 0.2918,
0.3038

■ 22.9700, 0.2632,
0.2701

■ 66.0884, 0.2776,
0.2869

■ 14.5714, 0.2554,
0.2610

■ 87.7166, 0.2807,
0.2906

■ 8.5191, 0.2448,
0.2488

■ 113.6132, 0.2833,
0.2937

■ 4.4289, 0.2297,
0.2315

■ 144.1625, 0.2855,
0.2963

■ 1.9163, 0.2064,
0.2052

■ 179.7490, 0.2874,
0.2986

■ 0.5581, 0.1634,
0.1538

■ 220.7571, 0.2891,

■ 0.0000, 0.0000,

0.3006

0.0000

267.5711, 0.2905,
0.3023

■ 34.0995, 0.2691,
0.2770

■ 34.0995, 0.2691,
0.2770

■ 28.1908, 0.2512,
0.2537

■ 40.8119, 0.2863,
0.2982

■ 23.0501, 0.2330,
0.2287

■ 48.3535, 0.3024,
0.3173

■ 18.6449, 0.2153,
0.2025

■ 56.7540, 0.3174,
0.3342

■ 14.9387, 0.1987,
0.1761

■ 66.0400, 0.3311,
0.3491

■ 11.8915, 0.1841,
0.1505

■ 76.2371, 0.3436,
0.3621

■ 9.4581, 0.1723,
0.1270

■ 86.7078, 0.3525,
0.3739

■ 7.5838, 0.1637,
0.1066

■ 94.8653, 0.3496,
0.3864

■ 7.0746, 0.1613,
0.1008

■ 96.6752, 0.3490,
0.3890

Harmonies

Analogous

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



34.0995, 0.2547, 0.2873



34.0995, 0.2691, 0.2770



34.0995, 0.2953, 0.2798

Triad

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



34.0995, 0.2691, 0.2770



34.0995, 0.3742, 0.3431



34.0995, 0.2960, 0.3681

Complementary

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



34.0995, 0.2691, 0.2770



45.2941, 0.3576, 0.3760

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.



34.0995, 0.3278, 0.3844



34.0995, 0.2691, 0.2770



34.0995, 0.3739, 0.3676

Square

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



34.0995, 0.2691, 0.2770



34.0995, 0.3569, 0.3168



34.0995, 0.3565, 0.3834



34.0995, 0.2696, 0.3398

Rectangle

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



34.0995, 0.2691, 0.2770



34.0995, 0.3166, 0.2882



34.0995, 0.3565, 0.3834



34.0995, 0.3064, 0.3753

Sweetspot

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



34.1009, 0.2691, 0.2770



85.6654, 0.3003, 0.3149



47.5375, 0.2848, 0.3521



18.2862, 0.2979, 0.3120



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.



34.1009, 0.2691, 0.2770



55.4691, 0.2589, 0.2639



29.8933, 0.2753, 0.2549



10.2406, 0.2984, 0.3126



4.7801, 0.1620, 0.1031



0.3313, 0.1750, 0.1498

Inverse Universe

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



33.3011, 0.3523, 0.3079



54.1633, 0.3638, 0.3031



50.7897, 0.3444, 0.3970



10.1276, 0.3242, 0.3220



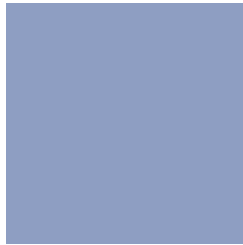
7.7648, 0.5713, 0.2921



0.3481, 0.5062, 0.2562

Previews

White Background



This preview shows how the Yxy color 34.0995, 0.2691, 0.2770 looks on a white background.

Color Contrast Check

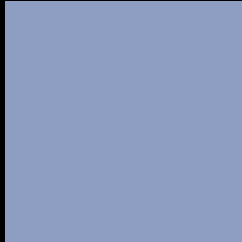
Large Text (above 18pt) WCAG AA × Fail

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 34.0995, 0.2691, 0.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

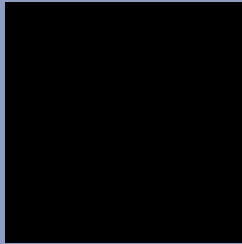
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0995, 0.2691, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 34.0995, 0.2691, 0.2770.



This preview shows how white text looks on a background with the Yxy color 34.0995, 0.2691, 0.2770.

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

34.0995, 0.2691, 0.2770

Protanopia

34.0168, 0.2753, 0.2762

Deuteranopia

33.9214, 0.2779, 0.2714



Tritanopia

33.9490, 0.2811, 0.3092

Trichromacy



Original Color

34.0995, 0.2691, 0.2770

Protanomaly

34.0752, 0.2729, 0.2773

Deuteranomaly

33.8669, 0.2745, 0.2723

Tritanomaly

33.9668, 0.2765, 0.2976

Monochromacy



Original Color

34.0995, 0.2691, 0.2770

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.6916, 0.2966, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0995, 0.2691, 0.2770 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(142, 158, 194)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 194)  
}
```

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(142, 158, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 194) }
```

Border

The CSS property to change the border of an element to Yxy 34.0995, 0.2691, 0.2770 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(142, 158, 194) }
```

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

```
.border{ border-color:rgb(142, 158, 194) }
```

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

Here you see how a box with a 4 pixel rgb(142, 158, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 194);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0995, 0.2691, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 194) }
```

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

```
.background{ background-color: rgb(142,  
158, 194) }
```

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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