

Converting Colors

$Y_{xy}(34.0084, 0.2709, 0.2588)$

Have a look what the booklet for
Yxy(34.0084, 0.2709, 0.2588)
contains.

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Color

Yxy(34.0121, 0.2710, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	9A99CC
RGB	154, 153, 204
RGB Percent	60%, 60%, 80%
CMY	0.3960, 0.4000, 0.2001
CMYK	0.24, 0.25, 0.00, 0.20
HSL	241°, 33%, 70%
HSV	241°, 25%, 80%
XYZ	35.6155, 34.0121, 61.7948
YIQ	159.1130, -15.7750, 16.0730

Conversions

Conversions Part 2

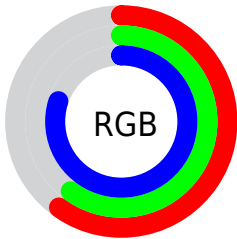
Format	Color
RYB	154, 153, 204
Decimal	10131916
CIELab	64.97, 11.45, -25.98
CIELCh	65, 28.393, 293.789
Yxy	34.0121, 0.2710, 0.2588
Android (android.graphics.Color)	4288321996 (0xFF9A99CC)
YUV	159.1130, 22.1293, -4.4841
Hunter-Lab	58.3199, 6.9486, -21.9988

Details

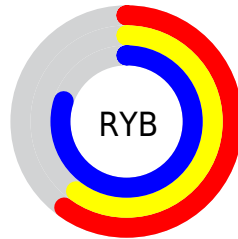
The Yxy color **34.0121, 0.2710, 0.2588** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.1619, 0.3493, 0.3910**, and the grayscale version is **34.6288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4010, 0.2827, 0.2774**, and **14.5295, 0.2576, 0.2378** is the 20% darker color. If you saturate the color by 10%, you get **26.0960, 0.2510, 0.2254**, and if you desaturate by 10%, it is **43.3989, 0.2892, 0.2894**.

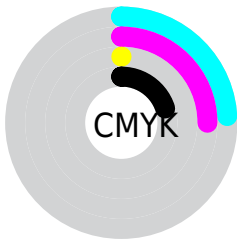
Distribution



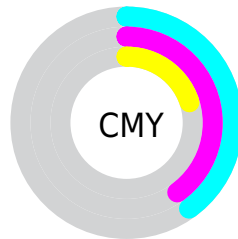
- Red (60%)
- Green (60%)
- Blue (80%)



- Red (60%)
- Yellow (60%)
- Blue (80%)



- Cyan (24%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0121, 0.2710, 0.2588 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 34.0121, 0.2710, 0.2588 by changing the saturation by 10% instead.

■ 34.0121, 0.2710,
0.2588

■ 34.0121, 0.2710,
0.2588

■ 320.1860, 0.2929,
0.2943

■ 22.9029, 0.2652,
0.2499

■ 65.9525, 0.2792,
0.2717

■ 14.5218, 0.2577,
0.2385

■ 87.5525, 0.2822,
0.2766

■ 8.4845, 0.2474,
0.2235

■ 113.4181, 0.2847,
0.2807

■ 4.4065, 0.2326,
0.2027

■ 143.9339, 0.2869,
0.2842

■ 1.9034, 0.2100,
0.1726

■ 179.4842, 0.2887,
0.2872

■ 0.5505, 0.1738,
0.1192

■ 220.4534, 0.2903,

■ 0.0000, 0.0000,

0.2899

0.0000

267.2259, 0.2917,
0.2922

■ 34.0121, 0.2710,
0.2588

■ 34.0121, 0.2710,
0.2588

■ 26.0960, 0.2510,
0.2254

■ 43.3989, 0.2892,
0.2894

■ 19.5724, 0.2300,
0.1903

■ 54.3212, 0.3054,
0.3167

■ 14.3618, 0.2088,
0.1552

■ 66.8450, 0.3196,
0.3406

■ 10.3754, 0.1891,
0.1226

■ 81.0312, 0.3318,
0.3613

■ 7.5132, 0.1723,
0.0952

■ 96.9375, 0.3423,
0.3792

■ 5.6596, 0.1599,
0.0752

■ 97.1382, 0.3430,
0.3791

■ 4.6740, 0.1527,
0.0638

■ 4.3843, 0.1505,
0.0603

Harmonies

Analogous

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



34.0121, 0.2425, 0.2620



34.0121, 0.2710, 0.2588



34.0121, 0.3125, 0.2717

Triad

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



34.0121, 0.2710, 0.2588



34.0121, 0.4008, 0.3663



34.0121, 0.2677, 0.3628

Complementary

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



34.0121, 0.2710, 0.2588



58.1619, 0.3493, 0.3910

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.



34.0121, 0.3080, 0.3973



34.0121, 0.2710, 0.2588



34.0121, 0.3859, 0.3955

Square

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



34.0121, 0.2710, 0.2588



34.0121, 0.3902, 0.3310



34.0121, 0.3514, 0.4087



34.0121, 0.2405, 0.3192

Rectangle

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



34.0121, 0.2710, 0.2588



34.0121, 0.3426, 0.2877



34.0121, 0.3514, 0.4087



34.0121, 0.2801, 0.3762

Sweetspot

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



34.0135, 0.2710, 0.2588



85.9667, 0.3022, 0.3112



53.8994, 0.2762, 0.3278



18.1548, 0.3012, 0.3096



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.



34.0135, 0.2710, 0.2588



48.9655, 0.2604, 0.2411



36.7658, 0.2930, 0.2631



10.8544, 0.2985, 0.3051



2.7652, 0.1507, 0.0604



0.1465, 0.1531, 0.0617

Inverse Universe

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



39.9267, 0.3165, 0.2685



60.4228, 0.3174, 0.2555



54.8934, 0.3285, 0.3954



11.3998, 0.3141, 0.3066



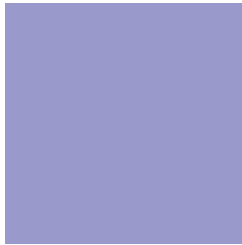
10.7051, 0.3259, 0.1569



0.5535, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 34.0121, 0.2710, 0.2588 looks on a white background.

Color Contrast Check

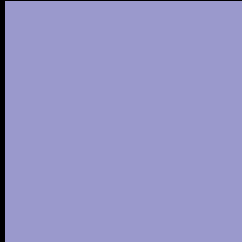
Large Text (above 18pt) WCAG AA × Fail

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 34.0121, 0.2710, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

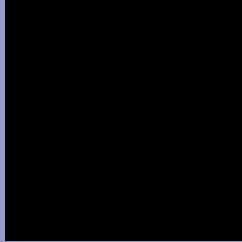
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0121, 0.2710, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 34.0121, 0.2710, 0.2588.



This preview shows how white text looks on a background with the Yxy color 34.0121, 0.2710, 0.2588.

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

34.0121, 0.2710, 0.2588

Protanopia

34.1625, 0.2619, 0.2591

Deuteranopia

34.0982, 0.2663, 0.2607



Tritanopia

34.0707, 0.2913, 0.3096

Trichromacy



Original Color

34.0121, 0.2710, 0.2588

Protanomaly

34.1464, 0.2656, 0.2595

Deuteranomaly

33.9549, 0.2678, 0.2596

Tritanomaly

34.0587, 0.2833, 0.2898

Monochromacy



Original Color

34.0121, 0.2710, 0.2588

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3772, 0.2969, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0121, 0.2710, 0.2588 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(154, 153, 204)` looks like.

```
.text, #text, p{  
    color:rgb(154, 153, 204)  
}
```

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(154, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 153, 204) }
```

Border

The CSS property to change the border of an element to Yxy 34.0121, 0.2710, 0.2588 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(154, 153, 204) }
```

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

```
.border{ border-color:rgb(154, 153, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 153, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(154, 153,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0121, 0.2710, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 153, 204) }
```

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

```
.background{ background-color: rgb(154,  
153, 204) }
```

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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