

Converting Colors

$Y_{xy}(34.5770, 0.2727, 0.2640)$

Have a look what the booklet for
Yxy(34.5770, 0.2727, 0.2640)
contains.

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Color

Yxy(34.5770, 0.2727, 0.2640)

Conversions

Conversions Part 1

Format	Color
Hex	9A9BCA
RGB	154, 155, 202
RGB Percent	60%, 61%, 79%
CMY	0.3959, 0.3922, 0.2078
CMYK	0.24, 0.23, 0.00, 0.21
HSL	239°, 31%, 70%
HSV	239°, 24%, 79%
XYZ	35.7165, 34.5770, 60.6800
YIQ	160.0590, -15.6830, 14.4050

Conversions

Conversions Part 2

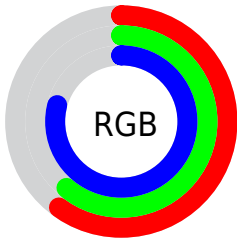
Format	Color
RYB	154, 155, 202
Decimal	10132426
CIELab	65.42, 9.87, -24.21
CIELCh	65, 26.145, 292.183
Yxy	34.5770, 0.2727, 0.2640
Android (android.graphics.Color)	4288322506 (0xFF9A9BCA)
YUV	160.0590, 20.6769, -5.3137
Hunter-Lab	58.8022, 5.5171, -20.0218

Details

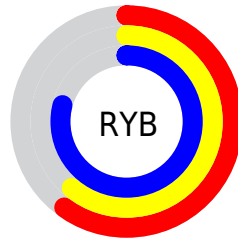
The Yxy color $34.5770, 0.2727, 0.2640$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $56.7038, 0.3485, 0.3867$, and the grayscale version is $35.0946, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.3762, 0.2828, 0.2796$, and $14.8635, 0.2599, 0.2449$ is the 20% darker color. If you saturate the color by 10%, you get $26.6995, 0.2528, 0.2314$, and if you desaturate by 10%, it is $43.8720, 0.2909, 0.2937$.

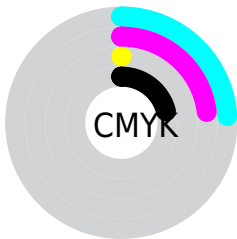
Distribution



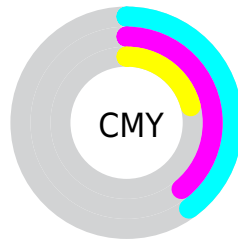
- Red (60%)
- Green (61%)
- Blue (79%)



- Red (60%)
- Yellow (61%)
- Blue (79%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5770, 0.2727, 0.2640 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 34.5770, 0.2727, 0.2640 by changing the saturation by 10% instead.

■ 34.5770, 0.2727,
0.2640

■ 34.5770, 0.2727,
0.2640

■ 322.6973, 0.2937,
0.2969

■ 23.3372, 0.2672,
0.2557

■ 66.8300, 0.2805,
0.2760

■ 14.8427, 0.2600,
0.2451

■ 88.6119, 0.2834,
0.2805

■ 8.7091, 0.2502,
0.2310

■ 114.6767, 0.2858,
0.2843

■ 4.5519, 0.2361,
0.2114

■ 145.4088, 0.2879,
0.2876

■ 1.9868, 0.2145,
0.1827

■ 181.1925, 0.2896,
0.2904

■ 0.5998, 0.1794,
0.1327

■ 222.4122, 0.2911,

■ 0.0000, 0.0000,

0.2928

0.0000

269.4523, 0.2925,
0.2950

■ 34.5770, 0.2727,
0.2640

■ 34.5770, 0.2727,
0.2640

■ 26.6995, 0.2528,
0.2314

■ 43.8720, 0.2909,
0.2937

■ 20.1661, 0.2317,
0.1969

■ 54.6451, 0.3072,
0.3200

■ 14.9030, 0.2105,
0.1620

■ 66.9581, 0.3214,
0.3430

■ 10.8275, 0.1905,
0.1290

■ 80.8683, 0.3337,
0.3630

■ 7.8474, 0.1735,
0.1005

■ 96.4192, 0.3444,
0.3801

■ 5.8568, 0.1607,
0.0790

■ 97.0452, 0.3442,
0.3810

■ 4.7289, 0.1530,
0.0657

■ 4.3512, 0.1503,
0.0611

Harmonies

Analogous

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



34.5770, 0.2471, 0.2680



34.5770, 0.2727, 0.2640



34.5770, 0.3105, 0.2751

Triad

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



34.5770, 0.2727, 0.2640



34.5770, 0.3934, 0.3620



34.5770, 0.2733, 0.3619

Complementary

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



34.5770, 0.2727, 0.2640



56.7038, 0.3485, 0.3867

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.



34.5770, 0.3108, 0.3923



34.5770, 0.2727, 0.2640



34.5770, 0.3812, 0.3891

Square

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



34.5770, 0.2727, 0.2640



34.5770, 0.3824, 0.3294



34.5770, 0.3505, 0.4017



34.5770, 0.2473, 0.3224

Rectangle

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



34.5770, 0.2727, 0.2640



34.5770, 0.3381, 0.2896



34.5770, 0.3505, 0.4017



34.5770, 0.2849, 0.3738

Sweetspot

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



34.5784, 0.2727, 0.2640



86.1087, 0.3019, 0.3115



53.3145, 0.2790, 0.3310



18.1875, 0.3010, 0.3100



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.



34.5784, 0.2727, 0.2640



52.0590, 0.2636, 0.2492



36.6726, 0.2920, 0.2662



10.8786, 0.2982, 0.3055



2.8146, 0.1504, 0.0614



0.1578, 0.1517, 0.0661

Inverse Universe

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



38.0521, 0.3606, 0.3279



58.8778, 0.3732, 0.3277



54.2439, 0.3297, 0.3914



11.2172, 0.3287, 0.3286



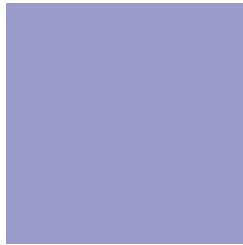
8.0871, 0.6377, 0.3287



0.4185, 0.6297, 0.3242

Previews

White Background



This preview shows how the Yxy color 34.5770, 0.2727, 0.2640 looks on a white background.

Color Contrast Check

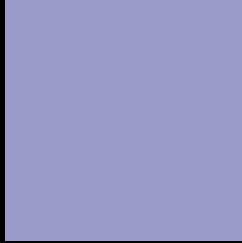
Large Text (above 18pt) WCAG AA × Fail

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 34.5770, 0.2727, 0.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

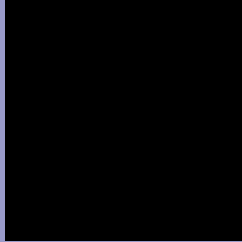
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5770, 0.2727, 0.2640

Background



This preview shows how black text looks on a background with the Yxy color 34.5770, 0.2727, 0.2640.



This preview shows how white text looks on a background with the Yxy color 34.5770, 0.2727, 0.2640.

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

34.5770, 0.2727, 0.2640

Protanopia

34.6288, 0.2665, 0.2647

Deuteranopia

34.7166, 0.2711, 0.2652



Tritanopia

34.4546, 0.2905, 0.3097

Trichromacy



Original Color

34.5770, 0.2727, 0.2640

Protanomaly

34.5728, 0.2688, 0.2636

Deuteranomaly

34.8135, 0.2720, 0.2653

Tritanomaly

34.3984, 0.2833, 0.2913

Monochromacy



Original Color

34.5770, 0.2727, 0.2640

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8180, 0.2979, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5770, 0.2727, 0.2640 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, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(154, 155, 202)  
}
```

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, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 155, 202) }
```

Border

The CSS property to change the border of an element to Yxy 34.5770, 0.2727, 0.2640 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, 155, 202) }
```

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

```
.border{ border-color:rgb(154, 155, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(154, 155,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5770, 0.2727, 0.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 155, 202) }
```

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

```
.background{ background-color: rgb(154,  
155, 202) }
```

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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