

Converting Colors

$Yxy(36.9706, 0.2262, 0.1896)$

Have a look what the booklet for
Yxy(36.9706, 0.2262, 0.1896)
contains.

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Color

Yxy(35.8795, 0.2340, 0.2032)

Conversions

Conversions Part 1

Format	Color
Hex	9398FF
RGB	147, 152, 255
RGB Percent	58%, 60%, 100%
CMY	0.4234, 0.4040, 0.0000
CMYK	0.42, 0.40, 0.00, 0.00
HSL	237°, 100%, 79%
HSV	237°, 42%, 100%
XYZ	41.3179, 35.8795, 99.3749
YIQ	162.2470, -36.0430, 30.9730

Conversions

Conversions Part 2

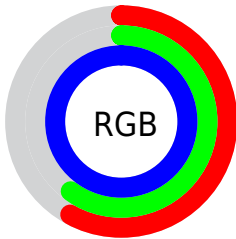
Format	Color
R_{YB}	147, 152, 255
Decimal	9672959
CIE _{Lab}	66.43, 23.47, -51.88
CIE _{LCh}	66, 56.946, 294.343
Yxy	35.8795, 0.2340, 0.2032
Android (android.graphics.Color)	4287863039 (0xFF9398FF)
YUV	162.2470, 45.7272, -13.3716
Hunter-Lab	59.8995, 18.3030, -56.4341

Details

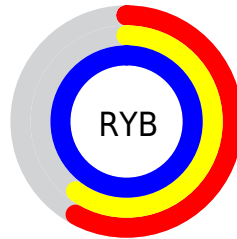
The Yxy color **35.8795, 0.2340, 0.2032** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.7679, 0.3779, 0.4297**, and the grayscale version is **36.0491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3417, 0.2800, 0.2759**, and **15.5582, 0.2117, 0.1728** is the 20% darker color. If you saturate the color by 10%, you get **26.6733, 0.2127, 0.1685**, and if you desaturate by 10%, it is **47.2273, 0.2551, 0.2373**.

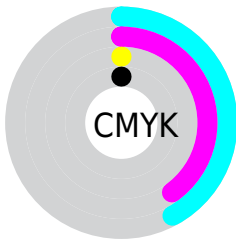
Distribution



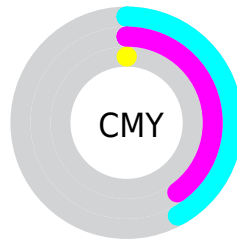
- Red (58%)
- Green (60%)
- Blue (100%)



- Red (58%)
- Yellow (60%)
- Blue (100%)



- Cyan (42%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8795, 0.2340, 0.2032 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 35.8795, 0.2340, 0.2032 by changing the saturation by 10% instead.


 35.8795, 0.2340,
0.2032


 35.8795, 0.2340,
0.2032


328.4336, 0.2740,
0.2626

 24.3411, 0.2242,
0.1898


 68.8460, 0.2485,
0.2238

 15.5869, 0.2119,
0.1734


 91.0430, 0.2539,
0.2318

 9.2323, 0.1960,
0.1533


117.5616, 0.2586,
0.2388

 4.8930, 0.1750,
0.1282

148.7863, 0.2626,
0.2448

 2.1846, 0.1468,
0.0969

185.1015, 0.2660,
0.2501

 0.7116, 0.1087,
0.0586

226.8915, 0.2690,


 0.0000, 0.0355,


0.2548

0.0000

274.5407, 0.2717,
0.2589

 0.0000, 0.0000,
0.0000

 35.8795, 0.2340,
0.2032


 35.8795, 0.2340,
0.2032

 26.6733, 0.2127,
0.1685

 47.2273, 0.2551,
0.2373


 19.4748, 0.1926,
0.1351


 60.8405, 0.2749,
0.2691

 14.1339, 0.1752,
0.1058

 76.8324, 0.2931,
0.2980

 10.4797, 0.1619,
0.0828

 95.3090, 0.3092,
0.3235

 8.3097, 0.1537,
0.0679

100.0000, 0.3127,
0.3290

■ 7.4757, 0.1505,
0.0619

Harmonies

Analogous

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



35.8795, 0.1855, 0.2047



35.8795, 0.2340, 0.2032



35.8795, 0.3107, 0.2264

Triad

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



35.8795, 0.2340, 0.2032



35.8795, 0.4823, 0.3881



35.8795, 0.2231, 0.3954

Complementary

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



35.8795, 0.2340, 0.2032



91.7679, 0.3779, 0.4297

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.



35.8795, 0.2956, 0.4727



35.8795, 0.2340, 0.2032



35.8795, 0.4462, 0.4478

Square

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



35.8795, 0.2340, 0.2032



35.8795, 0.4669, 0.3264



35.8795, 0.3771, 0.4871



35.8795, 0.1786, 0.3017

Rectangle

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



35.8795, 0.2340, 0.2032



35.8795, 0.3707, 0.2536



35.8795, 0.3771, 0.4871



35.8795, 0.2449, 0.4260

Sweetspot

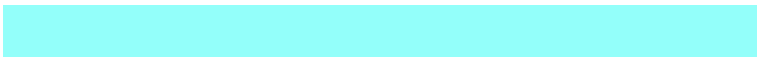
The Sweet Spot groups the original color and five complimentary colors.



35.8792, 0.2340, 0.2032



75.6997, 0.2919, 0.2962



84.6035, 0.2573, 0.3349



15.4101, 0.2881, 0.2900



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.



35.8792, 0.2340, 0.2032



27.7864, 0.2156, 0.1731



39.7833, 0.2685, 0.2088



17.5113, 0.2978, 0.3055



3.9631, 0.1508, 0.0627



0.4308, 0.1526, 0.0692

Inverse Universe

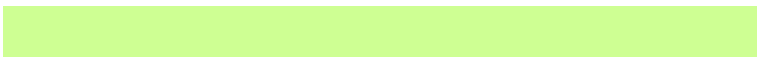
The Inverse Universe completely reimagines the original color for something new.



44.4052, 0.4186, 0.3241



37.5510, 0.4535, 0.3234



86.8091, 0.3428, 0.4468



18.0006, 0.3287, 0.3280



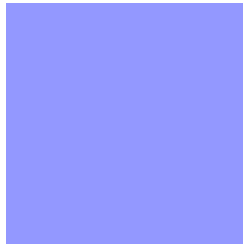
11.1280, 0.6355, 0.3274



1.0880, 0.6246, 0.3215

Previews

White Background



This preview shows how the Yxy color 35.8795, 0.2340, 0.2032 looks on a white background.

Color Contrast Check

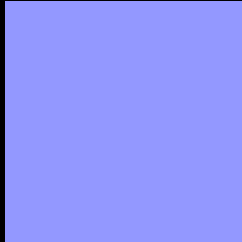
Large Text (above 18pt) WCAG AA × Fail

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 35.8795, 0.2340, 0.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

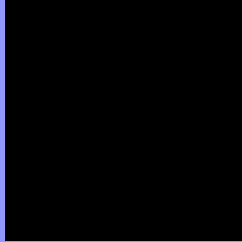
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8795, 0.2340, 0.2032

Background



This preview shows how black text looks on a background with the Yxy color 35.8795, 0.2340, 0.2032.



This preview shows how white text looks on a background with the Yxy color 35.8795, 0.2340, 0.2032.

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

35.8795, 0.2340, 0.2032

Protanopia

35.9588, 0.2217, 0.2066

Deuteranopia

36.0263, 0.2172, 0.2105



Tritanopia

35.9307, 0.2689, 0.3093

Trichromacy



Original Color

35.8795, 0.2340, 0.2032

Protanomaly

35.9025, 0.2257, 0.2054

Deuteranomaly

35.9695, 0.2227, 0.2077

Tritanomaly

35.5456, 0.2549, 0.2641

Monochromacy



Original Color

35.8795, 0.2340, 0.2032

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6073, 0.2800, 0.2762

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8795, 0.2340, 0.2032 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(147, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 152, 255)  
}
```

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(147, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 152, 255) }
```

Border

The CSS property to change the border of an element to Yxy 35.8795, 0.2340, 0.2032 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(147, 152, 255) }
```

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

```
.border{ border-color:rgb(147, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 152,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8795, 0.2340, 0.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 152, 255) }
```

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

```
.background{ background-color: rgb(147,  
152, 255) }
```

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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