

Converting Colors

$Y_{xy}(34.6466, 0.2308, 0.1992)$

Have a look what the booklet for
Yxy(34.6466, 0.2308, 0.1992)
contains.

Yxy(34.5545, 0.2308, 0.1988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.5545, 0.2308, 0.1988)

Conversions

Conversions Part 1

Format	Color
Hex	8F95FF
RGB	143, 149, 255
RGB Percent	56%, 58%, 100%
CMY	0.4394, 0.4156, 0.0001
CMYK	0.44, 0.42, 0.00, 0.00
HSL	237°, 100%, 78%
HSV	237°, 44%, 100%
XYZ	40.1166, 34.5545, 99.1443
YIQ	159.2900, -37.6020, 31.6940

Conversions

Conversions Part 2

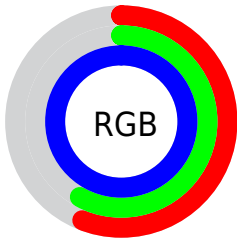
Format	Color
RYB	143, 149, 255
Decimal	9410047
CIELab	65.40, 24.19, -53.50
CIElCh	65, 58.721, 294.332
Yxy	34.5545, 0.2308, 0.1988
Android (android.graphics.Color)	4287600127 (0xFF8F95FF)
YUV	159.2900, 47.1850, -14.2863
Hunter-Lab	58.7831, 18.9472, -58.8511

Details

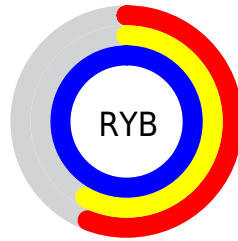
The Yxy color **34.5545, 0.2308, 0.1988** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **90.9400, 0.3806, 0.4325**, and the grayscale version is **34.6018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3494, 0.2771, 0.2721**, and **14.7439, 0.2072, 0.1669** is the 20% darker color. If you saturate the color by 10%, you get **25.6747, 0.2097, 0.1643**, and if you desaturate by 10%, it is **45.5340, 0.2519, 0.2328**.

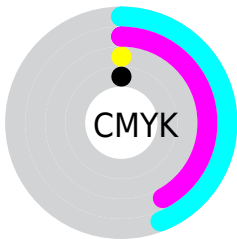
Distribution



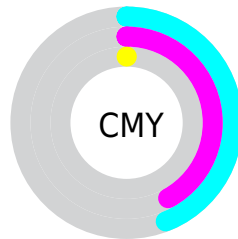
- Red (56%)
- Green (58%)
- Blue (100%)



- Red (56%)
- Yellow (58%)
- Blue (100%)



- Cyan (44%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5545, 0.2308, 0.1988 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 34.5545, 0.2308, 0.1988 by changing the saturation by 10% instead.


 34.5545, 0.2308,
0.1988


 34.5545, 0.2308,
0.1988


322.5975, 0.2726,
0.2604

 23.3199, 0.2206,
0.1849


 66.7950, 0.2459,
0.2201

 14.8299, 0.2077,
0.1681


 88.5698, 0.2516,
0.2285

 8.7001, 0.1911,
0.1473


114.6267, 0.2565,
0.2356

 4.5461, 0.1693,
0.1216

145.3501, 0.2606,
0.2419

 1.9835, 0.1401,
0.0900

181.1246, 0.2642,
0.2474

 0.5979, 0.1013,
0.0504

222.3343, 0.2674,

 0.0000, 0.0196,

0.2522

0.0000

269.3639, 0.2701,
0.2565

■ 0.0000, 0.0000,
0.0000

■ 34.5545, 0.2308,
0.1988

■ 34.5545, 0.2308,
0.1988

■ 25.6747, 0.2097,
0.1643

■ 45.5340, 0.2519,
0.2328

■ 18.7571, 0.1899,
0.1315

■ 58.7315, 0.2719,
0.2648

■ 13.6538, 0.1731,
0.1030

■ 74.2608, 0.2903,
0.2939

■ 10.1942, 0.1605,
0.0810

■ 92.2270, 0.3068,
0.3197

■ 8.1750, 0.1530,
0.0670

99.9986, 0.3127,
0.3290

■ 7.5271, 0.1507,
0.0623

Harmonies

Analogous

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



34.5545, 0.1809, 0.2001



34.5545, 0.2308, 0.1988



34.5545, 0.3104, 0.2228

Triad

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



34.5545, 0.2308, 0.1988



34.5545, 0.4890, 0.3891



34.5545, 0.2193, 0.3985

Complementary

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



34.5545, 0.2308, 0.1988



90.9400, 0.3806, 0.4325

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.



34.5545, 0.2942, 0.4799



34.5545, 0.2308, 0.1988



34.5545, 0.4508, 0.4515

Square

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



34.5545, 0.2308, 0.1988



34.5545, 0.4736, 0.3255



34.5545, 0.3788, 0.4938



34.5545, 0.1736, 0.3000

Rectangle

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



34.5545, 0.2308, 0.1988



34.5545, 0.3730, 0.2507



34.5545, 0.3788, 0.4938



34.5545, 0.2417, 0.4309

Sweetspot

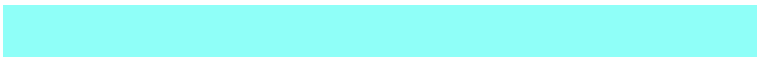
The Sweet Spot groups the original color and five complimentary colors.



34.5557, 0.2308, 0.1988



75.8455, 0.2919, 0.2965



84.0895, 0.2565, 0.3373



15.4454, 0.2881, 0.2904



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.



34.5557, 0.2308, 0.1988



26.4223, 0.2116, 0.1675



37.9933, 0.2649, 0.2034



17.5352, 0.2978, 0.3058



3.9972, 0.1509, 0.0632



0.4422, 0.1530, 0.0708

Inverse Universe

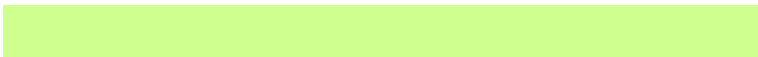
The Inverse Universe completely reimagines the original color for something new.



43.0597, 0.4236, 0.3230



36.1934, 0.4608, 0.3221



86.6729, 0.3449, 0.4510



18.0030, 0.3286, 0.3278



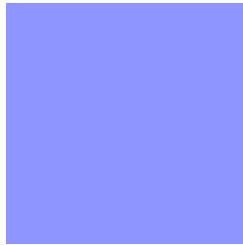
11.1315, 0.6346, 0.3270



1.0892, 0.6219, 0.3200

Previews

White Background



This preview shows how the Yxy color 34.5545, 0.2308, 0.1988 looks on a white background.

Color Contrast Check

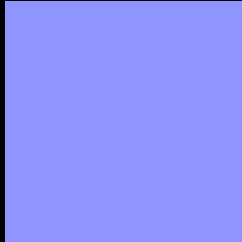
Large Text (above 18pt) WCAG AA × Fail

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 34.5545, 0.2308, 0.1988 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 34.5545, 0.2308, 0.1988

Background



This preview shows how black text looks on a background with the Yxy color 34.5545, 0.2308, 0.1988.



This preview shows how white text looks on a background with the Yxy color 34.5545, 0.2308, 0.1988.

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

34.5545, 0.2308, 0.1988

Protanopia

34.5846, 0.2182, 0.2019

Deuteranopia

34.8914, 0.2132, 0.2069



Tritanopia

34.7381, 0.2663, 0.3089

Trichromacy



Original Color

34.5545, 0.2308, 0.1988

Protanomaly

34.5917, 0.2227, 0.2009

Deuteranomaly

34.5204, 0.2187, 0.2028

Tritanomaly

34.3924, 0.2515, 0.2618

Monochromacy



Original Color

34.5545, 0.2308, 0.1988

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.1100, 0.2779, 0.2740

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5545, 0.2308, 0.1988 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(143, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 149, 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(143, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 149, 255) }
```

Border

The CSS property to change the border of an element to Yxy 34.5545, 0.2308, 0.1988 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(143, 149, 255) }
```

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

```
.border{ border-color:rgb(143, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 149,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5545, 0.2308, 0.1988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 149, 255) }
```

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

```
.background{ background-color: rgb(143,  
149, 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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