

Converting Colors

$Y_{xy}(34.0878, 0.2279, 0.1985)$

Have a look what the booklet for
Yxy(34.0878, 0.2279, 0.1985)
contains.

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Color

Yxy(34.0539, 0.2282, 0.1986)

Conversions

Conversions Part 1

Format	Color
Hex	8A95FE
RGB	138, 149, 254
RGB Percent	54%, 58%, 100%
CMY	0.4585, 0.4158, 0.0039
CMYK	0.46, 0.41, 0.00, 0.00
HSL	234°, 98%, 77%
HSV	234°, 46%, 100%
XYZ	39.1294, 34.0539, 98.2865
YIQ	157.6810, -40.2610, 30.3230

Conversions

Conversions Part 2

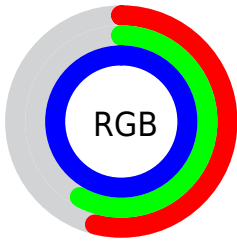
Format	Color
R _Y B	138, 148, 254
Decimal	9082366
CIE Lab	65.01, 22.80, -53.62
CIE LCh	65, 58.269, 293.030
Yxy	34.0539, 0.2282, 0.1986
Android (android.graphics.Color)	4287272446 (0xFF8A95FE)
YUV	157.6810, 47.4853, -17.2602
Hunter-Lab	58.3557, 17.5675, -59.0111

Details

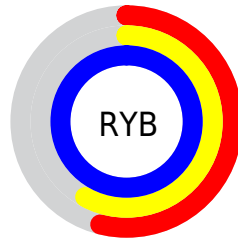
The Yxy color **34.0539, 0.2282, 0.1986** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **87.0835, 0.3850, 0.4323**, and the grayscale version is **33.8414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6676, 0.2738, 0.2716**, and **14.6604, 0.2046, 0.1681** is the 20% darker color. If you saturate the color by 10%, you get **25.5588, 0.2076, 0.1652**, and if you desaturate by 10%, it is **44.4968, 0.2490, 0.2315**.

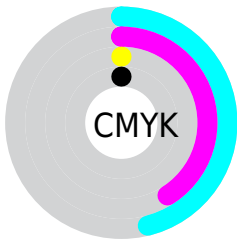
Distribution



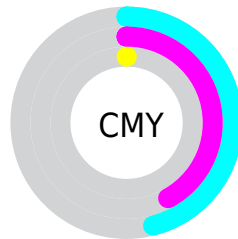
- Red (54%)
- Green (58%)
- Blue (100%)



- Red (54%)
- Yellow (58%)
- Blue (100%)



- Cyan (46%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0539, 0.2282, 0.1986 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 34.0539, 0.2282, 0.1986 by changing the saturation by 10% instead.


 34.0539, 0.2282,
0.1986


 34.0539, 0.2282,
0.1986

320.3723, 0.2713,
0.2605

 22.9350, 0.2177,
0.1846


 66.0175, 0.2438,
0.2201

 14.5455, 0.2044,
0.1676


 87.6310, 0.2497,
0.2284

 8.5011, 0.1874,
0.1466


113.5114, 0.2547,
0.2357

 4.4172, 0.1650,
0.1206

144.0433, 0.2589,
0.2419

 1.9096, 0.1352,
0.0887

179.6109, 0.2626,
0.2474

 0.5541, 0.0960,
0.0481

220.5987, 0.2659,

 0.0000, 0.0059,

0.2523

0.0000

267.3910, 0.2687,
0.2566

0.0000, 0.0000,
0.0000

34.0539, 0.2282,
0.1986

34.0539, 0.2282,
0.1986

25.5588, 0.2076,
0.1652

44.4968, 0.2490,
0.2315

18.8868, 0.1885,
0.1334

56.9944, 0.2689,
0.2626

13.9046, 0.1724,
0.1054

71.6502, 0.2874,
0.2909

10.4587, 0.1604,
0.0835

88.5596, 0.3041,
0.3161

8.3669, 0.1532,
0.0689

99.9366, 0.3133,
0.3299

■ 7.8044, 0.1514,
0.0649

Harmonies

Analogous

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



34.0539, 0.1797, 0.2011



34.0539, 0.2282, 0.1986



34.0539, 0.3065, 0.2215

Triad

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



34.0539, 0.2282, 0.1986



34.0539, 0.4891, 0.3863



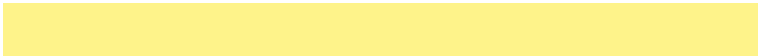
34.0539, 0.2223, 0.4026

Complementary

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



34.0539, 0.2282, 0.1986



87.0835, 0.3850, 0.4323

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.



34.0539, 0.2980, 0.4816



34.0539, 0.2282, 0.1986



34.0539, 0.4530, 0.4488

Square

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



34.0539, 0.2282, 0.1986



34.0539, 0.4711, 0.3229



34.0539, 0.3822, 0.4924



34.0539, 0.1752, 0.3039

Rectangle

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



34.0539, 0.2282, 0.1986



34.0539, 0.3688, 0.2488



34.0539, 0.3822, 0.4924



34.0539, 0.2451, 0.4345

Sweetspot

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



34.0551, 0.2282, 0.1986



74.9175, 0.2902, 0.2952



82.7382, 0.2565, 0.3422



15.2948, 0.2865, 0.2895



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.



34.0551, 0.2282, 0.1986



26.2675, 0.2089, 0.1673



35.6048, 0.2594, 0.1971



17.6521, 0.2979, 0.3067



4.2043, 0.1517, 0.0661



0.4974, 0.1551, 0.0785

Inverse Universe

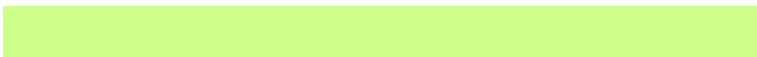
The Inverse Universe completely reimagines the original color for something new.



41.4439, 0.4250, 0.3179



35.0211, 0.4628, 0.3163



86.0870, 0.3485, 0.4549



18.0148, 0.3280, 0.3268



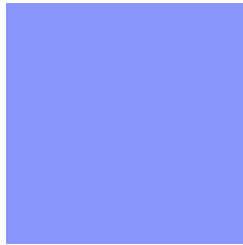
11.1524, 0.6297, 0.3243



1.0948, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 34.0539, 0.2282, 0.1986 looks on a white background.

Color Contrast Check

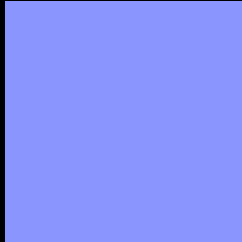
Large Text (above 18pt) WCAG AA × Fail

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 34.0539, 0.2282, 0.1986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

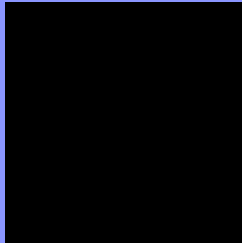
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0539, 0.2282, 0.1986

Background



This preview shows how black text looks on a background with the Yxy color 34.0539, 0.2282, 0.1986.



This preview shows how white text looks on a background with the Yxy color 34.0539, 0.2282, 0.1986.

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

34.0539, 0.2282, 0.1986

Protanopia

34.1131, 0.2169, 0.2003

Deuteranopia

34.3656, 0.2124, 0.2063



Tritanopia

33.9468, 0.2617, 0.3071

Trichromacy



Original Color

34.0539, 0.2282, 0.1986

Protanomaly

34.0364, 0.2207, 0.1991

Deuteranomaly

34.2475, 0.2175, 0.2032

Tritanomaly

33.6125, 0.2484, 0.2610

Monochromacy



Original Color

34.0539, 0.2282, 0.1986

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8723, 0.2769, 0.2750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0539, 0.2282, 0.1986 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(138, 149, 254)` looks like.

```
.text, #text, p{  
    color:rgb(138, 149, 254)  
}
```

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(138, 149, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 149, 254) }
```

Border

The CSS property to change the border of an element to Yxy 34.0539, 0.2282, 0.1986 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(138, 149, 254) }
```

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

```
.border{ border-color:rgb(138, 149, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 149, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 149, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 149, 254);  
box-shadow:4px 4px 4px 4px rgb(138, 149,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0539, 0.2282, 0.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 149, 254) }
```

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

```
.background{ background-color: rgb(138,  
149, 254) }
```

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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