

Converting Colors

$Yxy(34.9189, 0.2185, 0.2032)$

Have a look what the booklet for
Yxy(34.9189, 0.2185, 0.2032)
contains.

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Color

Yxy(34.9189, 0.2185, 0.2032)

Conversions

Conversions Part 1

Format	Color
Hex	779CFF
RGB	119, 156, 255
RGB Percent	47%, 61%, 100%
CMY	0.5333, 0.3882, 0.0000
CMYK	0.53, 0.39, 0.00, 0.00
HSL	224°, 100%, 73%
HSV	224°, 53%, 100%
XYZ	37.5481, 34.9189, 99.3780
YIQ	156.2230, -53.8310, 22.9450

Conversions

Conversions Part 2

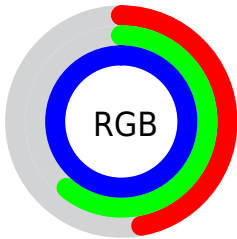
Format	Color
RYB	119, 148, 255
Decimal	7838975
CIELab	65.69, 14.78, -53.17
CIELCh	66, 55.182, 285.540
Yxy	34.9189, 0.2185, 0.2032
Android (android.graphics.Color)	4286029055 (0xFF779CFF)
YUV	156.2230, 48.6971, -32.6446
Hunter-Lab	59.0922, 10.0103, -58.3460

Details

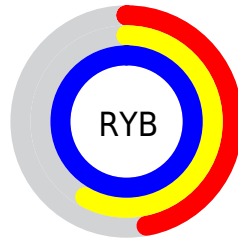
The Yxy color **34.9189, 0.2185, 0.2032** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **72.7414, 0.4092, 0.4274**, and the grayscale version is **33.1480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7782, 0.2633, 0.2780**, and **14.9926, 0.1928, 0.1718** is the 20% darker color. If you saturate the color by 10%, you get **27.5891, 0.2008, 0.1752**, and if you desaturate by 10%, it is **43.6856, 0.2372, 0.2308**.

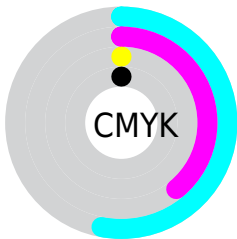
Distribution



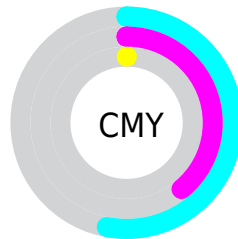
- Red (47%)
- Green (61%)
- Blue (100%)



- Red (47%)
- Yellow (58%)
- Blue (100%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (53%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9189, 0.2185, 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 34.9189, 0.2185, 0.2032 by changing the saturation by 10% instead.


 34.9189, 0.2185,
0.2032


 34.9189, 0.2185,
0.2032


324.2102, 0.2657,
0.2635

 23.6004, 0.2072,
0.1894


 67.3601, 0.2354,
0.2242

 15.0375, 0.1930,
0.1727


 89.2516, 0.2418,
0.2324

 8.8457, 0.1750,
0.1519


 115.4363, 0.2473,
0.2394

 4.6407, 0.1518,
0.1260

146.2984, 0.2520,
0.2455

 2.0380, 0.1214,
0.0938

182.2225, 0.2561,
0.2508

 0.6294, 0.0824,
0.0538

223.5929, 0.2597,

 0.0000, 0.0000,

0.2555

0.0000

270.7940, 0.2629,
0.2597

■ 34.9189, 0.2185,
0.2032

■ 34.9189, 0.2185,
0.2032

■ 27.5891, 0.2008,
0.1752

■ 43.6856, 0.2372,
0.2308

■ 21.6122, 0.1851,
0.1480

■ 53.9636, 0.2560,
0.2571

■ 16.8963, 0.1722,
0.1232

■ 65.8233, 0.2743,
0.2814

■ 13.3350, 0.1628,
0.1020

■ 79.3301, 0.2916,
0.3034

■ 11.5204, 0.1584,
0.0904

■ 94.5457, 0.3077,
0.3230

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



34.9189, 0.1794, 0.2127



34.9189, 0.2185, 0.2032



34.9189, 0.2865, 0.2193

Triad

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



34.9189, 0.2185, 0.2032



34.9189, 0.4801, 0.3695



34.9189, 0.2438, 0.4202

Complementary

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



34.9189, 0.2185, 0.2032



72.7414, 0.4092, 0.4274

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.



34.9189, 0.3199, 0.4804



34.9189, 0.2185, 0.2032



34.9189, 0.4584, 0.4298

Square

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



34.9189, 0.2185, 0.2032



34.9189, 0.4487, 0.3096



34.9189, 0.3983, 0.4766



34.9189, 0.1907, 0.3278

Rectangle

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



34.9189, 0.2185, 0.2032



34.9189, 0.3436, 0.2423



34.9189, 0.3983, 0.4766



34.9189, 0.2675, 0.4466

Sweetspot

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



34.9193, 0.2185, 0.2032



75.5575, 0.2871, 0.2978



80.4250, 0.2607, 0.3756



15.5678, 0.2835, 0.2933



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.



34.9193, 0.2185, 0.2032



27.1466, 0.1997, 0.1733



26.7567, 0.2287, 0.1656



18.1815, 0.2979, 0.3112



6.2302, 0.1592, 0.0930



0.7788, 0.1651, 0.1144

Inverse Universe

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



36.8566, 0.4259, 0.2915



30.6626, 0.4634, 0.2870



88.9460, 0.3697, 0.4677



18.0682, 0.3251, 0.3226



11.3569, 0.5865, 0.3004



1.1232, 0.5546, 0.2829

Previews

White Background



This preview shows how the Yxy color 34.9189, 0.2185, 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 34.9189, 0.2185, 0.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

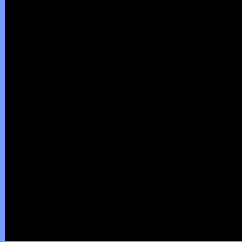
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9189, 0.2185, 0.2032

Background



This preview shows how black text looks on a background with the Yxy color 34.9189, 0.2185, 0.2032.



This preview shows how white text looks on a background with the Yxy color 34.9189, 0.2185, 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

34.9189, 0.2185, 0.2032

Protanopia

35.0619, 0.2196, 0.2035

Deuteranopia

34.8951, 0.2124, 0.2059



Tritanopia

35.0083, 0.2448, 0.3067

Trichromacy



Original Color

34.9189, 0.2185, 0.2032

Protanomaly

34.9900, 0.2190, 0.2034

Deuteranomaly

34.8607, 0.2144, 0.2052

Tritanomaly

34.8091, 0.2343, 0.2642

Monochromacy



Original Color

34.9189, 0.2185, 0.2032

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.4223, 0.2711, 0.2768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9189, 0.2185, 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(119, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 156, 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(119, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 156, 255) }
```

Border

The CSS property to change the border of an element to Yxy 34.9189, 0.2185, 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(119, 156, 255) }
```

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

```
.border{ border-color:rgb(119, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 156,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9189, 0.2185, 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(119, 156, 255) }
```

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

```
.background{ background-color: rgb(119,  
156, 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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