

Converting Colors

$Y_{xy}(35.3238, 0.2338, 0.2018)$

Have a look what the booklet for
Yxy(35.3238, 0.2338, 0.2018)
contains.

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Color

Yxy(35.1715, 0.2341, 0.2017)

Conversions

Conversions Part 1

Format	Color
Hex	9396FE
RGB	147, 150, 254
RGB Percent	58%, 59%, 100%
CMY	0.4236, 0.4117, 0.0040
CMYK	0.42, 0.41, 0.00, 0.00
HSL	238°, 98%, 79%
HSV	238°, 42%, 100%
XYZ	40.8213, 35.1715, 98.3825
YIQ	160.9590, -35.1720, 31.7080

Conversions

Conversions Part 2

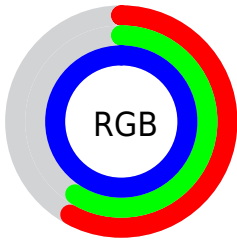
Format	Color
R _Y B	147, 150, 254
Decimal	9672446
CIE Lab	65.88, 24.30, -52.18
CIE LCh	66, 57.558, 294.974
Yxy	35.1715, 0.2341, 0.2017
Android (android.graphics.Color)	4287862526 (0xFF9396FE)
YUV	160.9590, 45.8692, -12.2420
Hunter-Lab	59.3056, 19.0805, -56.8428

Details

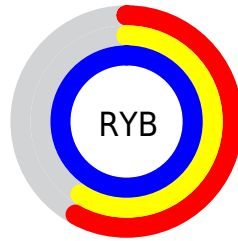
The Yxy color **35.1715, 0.2341, 0.2017** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92.1261, 0.3769, 0.4308**, and the grayscale version is **35.4153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3849, 0.2798, 0.2736**, and **15.1286, 0.2116, 0.1707** is the 20% darker color. If you saturate the color by 10%, you get **26.0145, 0.2127, 0.1665**, and if you desaturate by 10%, it is **46.5072, 0.2553, 0.2363**.

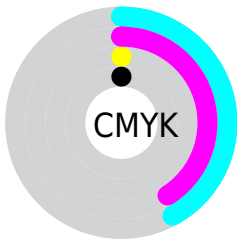
Distribution



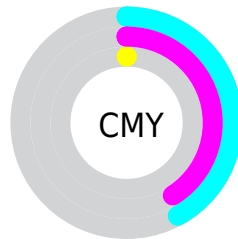
- Red (58%)
- Green (59%)
- Blue (100%)



- Red (58%)
- Yellow (59%)
- Blue (100%)



- Cyan (42%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1715, 0.2341, 0.2017 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 35.1715, 0.2341, 0.2017 by changing the saturation by 10% instead.


 35.1715, 0.2341,
0.2017


 35.1715, 0.2341,
0.2017


325.3247, 0.2742,
0.2619

 23.7950, 0.2242,
0.1881


 67.7514, 0.2486,
0.2226

 15.1816, 0.2118,
0.1715


 89.7235, 0.2541,
0.2307

 8.9470, 0.1957,
0.1511


115.9964, 0.2588,
0.2377

 4.7066, 0.1746,
0.1257

146.9543, 0.2628,
0.2438

 2.0762, 0.1460,
0.0942

182.9817, 0.2662,
0.2492

 0.6512, 0.1075,
0.0551

224.4630, 0.2692,


 0.0000, 0.0297,


0.2539


0.0000

271.7825, 0.2719,
0.2581


 0.0000, 0.0000,
0.0000

 35.1715, 0.2341,
0.2017

 35.1715, 0.2341,
0.2017


 26.0145, 0.2127,
0.1665


 46.5072, 0.2553,
0.2363


 18.8931, 0.1923,
0.1329


 60.1450, 0.2753,
0.2687

 13.6529, 0.1748,
0.1035

 76.2036, 0.2934,
0.2980

 10.1160, 0.1615,
0.0810

 94.7922, 0.3095,
0.3239

 8.0701, 0.1534,
0.0667

99.9342, 0.3133,
0.3300

■ 7.3109, 0.1503,
0.0612

Harmonies

Analogous

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



35.1715, 0.1844, 0.2025



35.1715, 0.2341, 0.2017



35.1715, 0.3125, 0.2257

Triad

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



35.1715, 0.2341, 0.2017



35.1715, 0.4847, 0.3899



35.1715, 0.2203, 0.3945

Complementary

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



35.1715, 0.2341, 0.2017



92.1261, 0.3769, 0.4308

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.



35.1715, 0.2933, 0.4745



35.1715, 0.2341, 0.2017



35.1715, 0.4468, 0.4505

Square

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



35.1715, 0.2341, 0.2017



35.1715, 0.4705, 0.3273



35.1715, 0.3761, 0.4902



35.1715, 0.1760, 0.2993

Rectangle

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



35.1715, 0.2341, 0.2017



35.1715, 0.3736, 0.2534



35.1715, 0.3761, 0.4902



35.1715, 0.2422, 0.4260

Sweetspot

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



35.1728, 0.2341, 0.2017



75.3902, 0.2919, 0.2955



83.9971, 0.2567, 0.3328



15.3351, 0.2880, 0.2893



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.



35.1728, 0.2341, 0.2017



27.1836, 0.2150, 0.1704



39.8719, 0.2702, 0.2099



17.4604, 0.2978, 0.3051



3.8906, 0.1505, 0.0617



0.4067, 0.1516, 0.0657

Inverse Universe

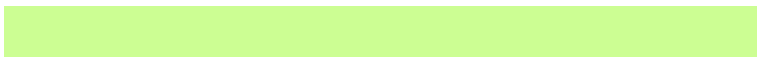
The Inverse Universe completely reimagines the original color for something new.



44.1285, 0.4198, 0.3261



37.4902, 0.4561, 0.3257



85.8177, 0.3415, 0.4467



17.9954, 0.3290, 0.3284



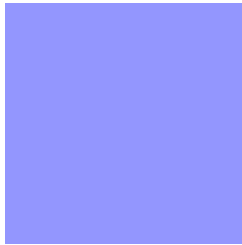
11.1207, 0.6372, 0.3284



1.0856, 0.6304, 0.3246

Previews

White Background



This preview shows how the Yxy color 35.1715, 0.2341, 0.2017 looks on a white background.

Color Contrast Check

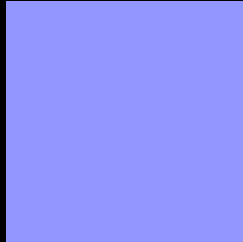
Large Text (above 18pt) WCAG AA × Fail

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 35.1715, 0.2341, 0.2017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

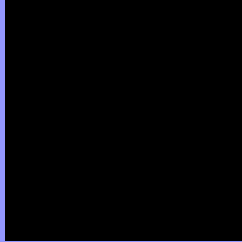
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1715, 0.2341, 0.2017

Background



This preview shows how black text looks on a background with the Yxy color 35.1715, 0.2341, 0.2017.



This preview shows how white text looks on a background with the Yxy color 35.1715, 0.2341, 0.2017.

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

35.1715, 0.2341, 0.2017

Protanopia

35.4715, 0.2204, 0.2050

Deuteranopia

35.4211, 0.2158, 0.2097



Tritanopia

35.1163, 0.2700, 0.3091

Trichromacy



Original Color

35.1715, 0.2341, 0.2017

Protanomaly

35.1565, 0.2246, 0.2027

Deuteranomaly

35.0797, 0.2215, 0.2057

Tritanomaly

34.7487, 0.2558, 0.2637

Monochromacy



Original Color

35.1715, 0.2341, 0.2017

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1220, 0.2799, 0.2760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1715, 0.2341, 0.2017 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, 150, 254)` looks like.

```
.text, #text, p{  
    color:rgb(147, 150, 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(147, 150, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 150, 254) }
```

Border

The CSS property to change the border of an element to Yxy 35.1715, 0.2341, 0.2017 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, 150, 254) }
```

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

```
.border{ border-color:rgb(147, 150, 254) }
```

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

Here you see how a box with a 4 pixel rgb(147, 150, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 150, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 150, 254);  
box-shadow:4px 4px 4px 4px rgb(147, 150,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1715, 0.2341, 0.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 150, 254) }
```

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

```
.background{ background-color: rgb(147,  
150, 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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