

Converting Colors

$Y_{xy}(10.7199, 0.1663, 0.0841)$

Have a look what the booklet for
Yxy(10.7199, 0.1663, 0.0841)
contains.

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Color

Yxy(10.7269, 0.1662, 0.0841)

Conversions

Conversions Part 1

Format	Color
Hex	3C35FF
RGB	60, 53, 255
RGB Percent	24%, 21%, 100%
CMY	0.7644, 0.7925, 0.0000
CMYK	0.76, 0.79, 0.00, 0.00
HSL	242°, 100%, 60%
HSV	242°, 79%, 100%
XYZ	21.1987, 10.7269, 95.6237
YIQ	78.1210, -60.6700, 64.3060

Conversions

Conversions Part 2

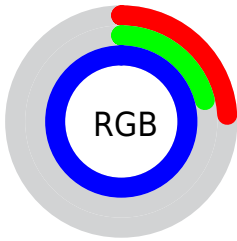
Format	Color
R _Y B	60, 53, 255
Decimal	3945983
CIE Lab	39.12, 65.65, -96.50
CIE LCh	39, 116.713, 304.228
Yxy	10.7269, 0.1662, 0.0841
Android (android.graphics.Color)	4282136063 (0xFF3C35FF)
YUV	78.1210, 87.2013, -15.8921
Hunter-Lab	32.7519, 58.2182, -150.1788

Details

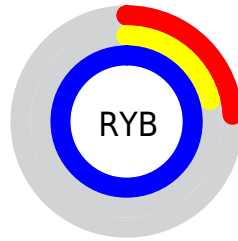
The Yxy color **10.7269, 0.1662, 0.0841** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **91.7059, 0.4082, 0.4988**, and the grayscale version is **7.4796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **22.5239, 0.2186, 0.1470**, and **4.0312, 0.1500, 0.0600** is the 20% darker color. If you saturate the color by 10%, you get **8.3891, 0.1561, 0.0683**, and if you desaturate by 10%, it is **14.6451, 0.1812, 0.1082**.

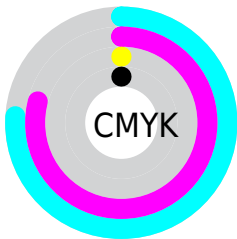
Distribution



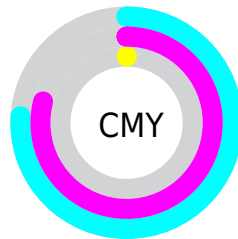
- Red (24%)
- Green (21%)
- Blue (100%)



- Red (24%)
- Yellow (21%)
- Blue (100%)



- Cyan (76%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)




- Cyan (76%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7269, 0.1662, 0.0841 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 10.7269, 0.1662, 0.0841 by changing the saturation by 10% instead.


 10.7269, 0.1662,
0.0841


 10.7269, 0.1662,
0.0841


195.7842, 0.2476,
0.1931


 5.8835, 0.1465,
0.0644


 27.1540, 0.1959,
0.1185


 2.7744, 0.1228,
0.0439


 39.5066, 0.2072,
0.1330


 1.0151, 0.0948,
0.0241

 55.1310, 0.2167,
0.1460

 0.0000, 0.0636,
0.0000

 74.4116, 0.2248,
0.1576

 0.0000, 0.0280,
0.0000

 97.7328, 0.2317,
0.1680

 0.0000, 0.0000,
0.0000

 125.4791, 0.2377,

0.1772

158.0347, 0.2430,
0.1856

■ 10.7269, 0.1662,
0.0841

■ 10.7269, 0.1662,
0.0841

■ 8.3891, 0.1561,
0.0683

■ 14.6451, 0.1812,
0.1082

■ 7.3321, 0.1510,
0.0608

■ 20.3736, 0.1999,
0.1389

■ 7.2782, 0.1507,
0.0604

■ 28.0898, 0.2208,
0.1734

■ 37.9537, 0.2421,
0.2091

■ 50.1090, 0.2627,
0.2438

■ 64.6868, 0.2818,
0.2761

■ 81.8086, 0.2988,
0.3052

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.



10.7269, 0.0753, 0.0712



10.7269, 0.1662, 0.0841



10.7269, 0.3665, 0.1285

Triad

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



10.7269, 0.1662, 0.0841



10.7269, 0.6295, 0.3705



10.7269, 0.0497, 0.3940

Complementary

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



10.7269, 0.1662, 0.0841



91.7059, 0.4082, 0.4988

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.



10.7269, 0.1292, 0.7843



10.7269, 0.1662, 0.0841



10.7269, 0.4597, 0.5403

Square

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



10.7269, 0.1662, 0.0841



10.7269, 0.7232, 0.2736



10.7269, 0.2648, 0.7352



10.7269, 0.0308, 0.1547

Rectangle

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



10.7269, 0.1662, 0.0841



10.7269, 0.5521, 0.1760



10.7269, 0.2648, 0.7352



10.7269, 0.0683, 0.5376

Sweetspot

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



10.7222, 0.1662, 0.0841



57.4456, 0.2729, 0.2611



75.2722, 0.2264, 0.3206



11.2133, 0.2660, 0.2494



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.



10.7222, 0.1662, 0.0841



7.6644, 0.1526, 0.0632



17.3050, 0.2303, 0.1174



17.4084, 0.2984, 0.3044



3.8163, 0.1510, 0.0606



0.3819, 0.1535, 0.0619

Inverse Universe

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



30.5675, 0.3275, 0.1685



28.2219, 0.3296, 0.1601



78.0003, 0.3406, 0.5480



18.2886, 0.3144, 0.3064



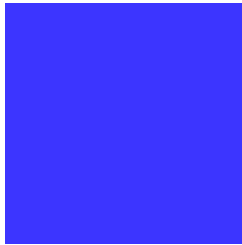
14.5899, 0.3300, 0.1591



1.4239, 0.3289, 0.1585

Previews

White Background



This preview shows how the Yxy color 10.7269, 0.1662, 0.0841 looks on a white background.

Color Contrast Check

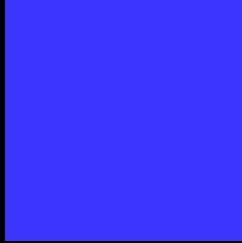
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 10.7269, 0.1662, 0.0841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7269, 0.1662, 0.0841

Background



This preview shows how black text looks on a background with the Yxy color 10.7269, 0.1662, 0.0841.

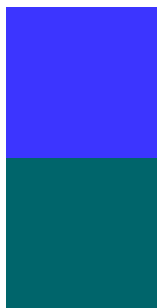


This preview shows how white text looks on a background with the Yxy color 10.7269, 0.1662, 0.0841.

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



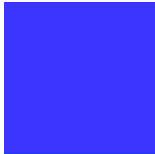
Original Color

10.7269, 0.1662, 0.0841

Tritanopia

10.3689, 0.2201, 0.3123

Trichromacy



Original Color

10.7269, 0.1662, 0.0841



Tritanomaly

9.0844, 0.1841, 0.1683

Monochromacy



Original Color

10.7269, 0.1662, 0.0841



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.5488, 0.2199, 0.1727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7269, 0.1662, 0.0841 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(60, 53, 255)` looks like.

```
.text, #text, p{  
    color:rgb(60, 53, 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(60, 53, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 53, 255) }
```

Border

The CSS property to change the border of an element to Yxy 10.7269, 0.1662, 0.0841 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(60, 53, 255) }
```

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

```
.border{ border-color:rgb(60, 53, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 53, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 53, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 53, 255);  
box-shadow:4px 4px 4px 4px rgb(60, 53,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 10.7269, 0.1662, 0.0841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 53, 255) }
```

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

```
.background{ background-color: rgb(60, 53,  
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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