

Converting Colors

$Yxy(45.6366, 0.2495, 0.2003)$

Have a look what the booklet for
Yxy(45.6366, 0.2495, 0.2003)
contains.

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Color

Yxy(43.6569, 0.2655, 0.2228)

Conversions

Conversions Part 1

Format	Color
Hex	BEA1FF
RGB	190, 161, 255
RGB Percent	75%, 63%, 100%
CMY	0.2549, 0.3686, 0.0001
CMYK	0.25, 0.37, 0.00, 0.00
HSL	259°, 100%, 82%
HSV	259°, 37%, 100%
XYZ	52.0238, 43.6569, 100.2659
YIQ	180.3870, -12.8900, 35.3820

Conversions

Conversions Part 2

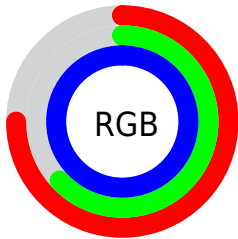
Format	Color
RYB	190, 161, 255
Decimal	12493311
CIELab	72.00, 29.70, -42.86
CIELCh	72, 52.140, 304.720
Yxy	43.6569, 0.2655, 0.2228
Android (android.graphics.Color)	4290683391 (0xFFBEA1FF)
YUV	180.3870, 36.7842, 8.4306
Hunter-Lab	66.0734, 24.9162, -43.7208

Details

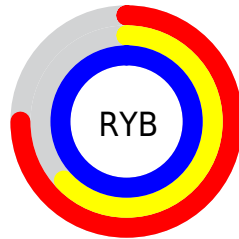
The Yxy color **43.6569, 0.2655, 0.2228** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **90.2417, 0.3485, 0.4276**, and the grayscale version is **45.6649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2882, 0.3096, 0.2905**, and **20.1654, 0.2520, 0.1981** is the 20% darker color. If you saturate the color by 10%, you get **33.5018, 0.2491, 0.1902**, and if you desaturate by 10%, it is **55.9070, 0.2805, 0.2545**.

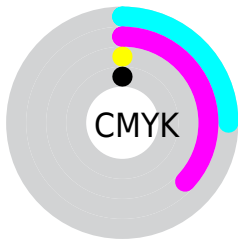
Distribution



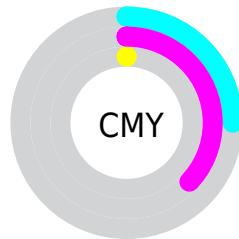
- Red (75%)
- Green (63%)
- Blue (100%)



- Red (75%)
- Yellow (63%)
- Blue (100%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6569, 0.2655, 0.2228 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 43.6569, 0.2655, 0.2228 by changing the saturation by 10% instead.


 43.6569, 0.2655,
0.2228

 43.6569, 0.2655,
0.2228

361.3063, 0.2897,
0.2720

 30.4009, 0.2595,
0.2118


 80.7012, 0.2743,
0.2397

 20.1431, 0.2518,
0.1983


 105.2583, 0.2776,
0.2464

 12.4991, 0.2418,
0.1816


134.3512, 0.2804,
0.2521

 7.0845, 0.2282,
0.1605

168.3642, 0.2828,
0.2571

 3.5150, 0.2091,
0.1334

207.6819, 0.2849,
0.2615

 1.4062, 0.1809,
0.0984

252.6885, 0.2867,

 0.2213, 0.1412,

0.2654

0.0333

303.7685, 0.2883,
0.2689

0.0000, 0.0000,
0.0000

43.6569, 0.2655,
0.2228

43.6569, 0.2655,
0.2228

33.5018, 0.2491,
0.1902

55.9070, 0.2805,
0.2545

25.3155, 0.2319,
0.1583

70.3579, 0.2939,
0.2844

18.9663, 0.2147,
0.1289

87.1144, 0.3056,
0.3118

14.3031, 0.1984,
0.1040

99.9980, 0.3127,
0.3290

11.1499, 0.1841,
0.0853

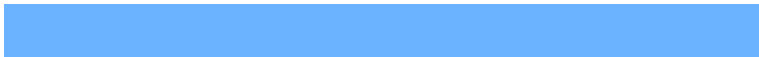
■ 9.2861, 0.1726,
0.0735

■ 8.8648, 0.1695,
0.0708

Harmonies

Analogous

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



43.6569, 0.2129, 0.2166



43.6569, 0.2655, 0.2228



43.6569, 0.3383, 0.2505

Triad

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



43.6569, 0.2655, 0.2228



43.6569, 0.4540, 0.4025



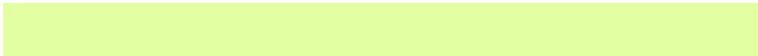
43.6569, 0.2186, 0.3578

Complementary

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



43.6569, 0.2655, 0.2228



90.2417, 0.3485, 0.4276

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.



43.6569, 0.2758, 0.4320



43.6569, 0.2655, 0.2228



43.6569, 0.4123, 0.4488

Square

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



43.6569, 0.2655, 0.2228



43.6569, 0.4555, 0.3476



43.6569, 0.3467, 0.4659



43.6569, 0.1882, 0.2837

Rectangle

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



43.6569, 0.2655, 0.2228



43.6569, 0.3888, 0.2784



43.6569, 0.3467, 0.4659



43.6569, 0.2351, 0.3846

Sweetspot

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



43.6586, 0.2655, 0.2228



79.8955, 0.3010, 0.3007



69.6159, 0.2564, 0.2967



16.6134, 0.2994, 0.2970



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.



43.6586, 0.2655, 0.2228



36.1996, 0.2539, 0.1995



50.5760, 0.3017, 0.2332



17.6494, 0.3027, 0.3048



4.7019, 0.1710, 0.0716



0.5125, 0.1829, 0.0781

Inverse Universe

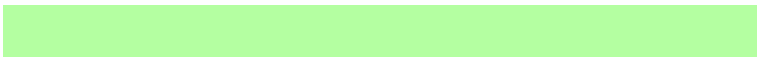
The Inverse Universe completely reimagines the original color for something new.



52.2393, 0.3412, 0.2633



46.0332, 0.3487, 0.2508



83.7541, 0.3185, 0.4376



18.1994, 0.3186, 0.3127



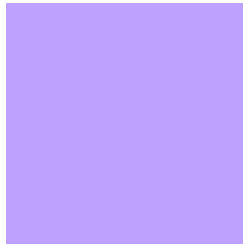
12.7820, 0.4181, 0.2077



1.2641, 0.4042, 0.2000

Previews

White Background



This preview shows how the Yxy color 43.6569, 0.2655, 0.2228 looks on a white background.

Color Contrast Check

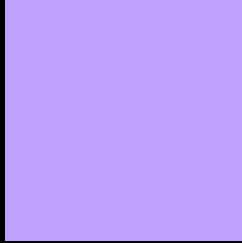
Large Text (above 18pt) WCAG AA × Fail

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 43.6569, 0.2655, 0.2228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

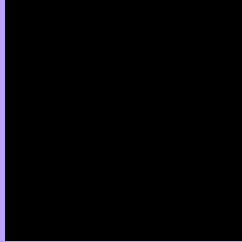
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6569, 0.2655, 0.2228

Background



This preview shows how black text looks on a background with the Yxy color 43.6569, 0.2655, 0.2228.



This preview shows how white text looks on a background with the Yxy color 43.6569, 0.2655, 0.2228.

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

43.6569, 0.2655, 0.2228

Protanopia

43.9761, 0.2403, 0.2309

Deuteranopia

43.9841, 0.2409, 0.2348



Tritanopia

43.7990, 0.3041, 0.3106

Trichromacy



Original Color

43.6569, 0.2655, 0.2228

Protanomaly

43.5953, 0.2489, 0.2272

Deuteranomaly

43.6278, 0.2489, 0.2300

Tritanomaly

43.4986, 0.2889, 0.2751

Monochromacy



Original Color

43.6569, 0.2655, 0.2228

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5825, 0.2951, 0.2862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6569, 0.2655, 0.2228 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(190, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 161, 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(190, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 161, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.6569, 0.2655, 0.2228 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(190, 161, 255) }
```

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

```
.border{ border-color:rgb(190, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 161,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6569, 0.2655, 0.2228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 161, 255) }
```

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

```
.background{ background-color: rgb(190,  
161, 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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