

Converting Colors

$Yxy(55.0557, 0.2767, 0.2693)$

Have a look what the booklet for
Yxy(55.0557, 0.2767, 0.2693)
contains.

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Color

Yxy(54.9391, 0.2773, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	C0BFF3
RGB	192, 191, 243
RGB Percent	75%, 75%, 95%
CMY	0.2471, 0.2510, 0.0469
CMYK	0.21, 0.21, 0.00, 0.05
HSL	241°, 68%, 85%
HSV	241°, 21%, 95%
XYZ	56.5502, 54.9391, 92.4421
YIQ	197.2270, -16.0960, 16.3840

Conversions

Conversions Part 2

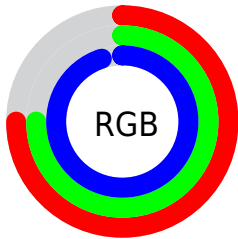
Format	Color
RYB	192, 191, 243
Decimal	12632051
CIELab	79.01, 11.03, -25.58
CIElCh	79, 27.851, 293.320
Yxy	54.9391, 0.2773, 0.2694
Android (android.graphics.Color)	4290822131 (0xFFC0BFF3)
YUV	197.2270, 22.5661, -4.5841
Hunter-Lab	74.1209, 6.4740, -22.0606

Details

The Yxy color $54.9391, 0.2773, 0.2694$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.7644, 0.3444, 0.3826$, and the grayscale version is $55.8493, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.8813, 0.3093, 0.3213$, and $27.1681, 0.2681, 0.2552$ is the 20% darker color. If you saturate the color by 10%, you get $42.3426, 0.2577, 0.2365$, and if you desaturate by 10%, it is $69.8026, 0.2950, 0.2992$.

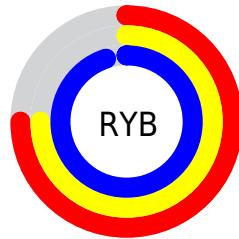
Distribution



Red (75%)

Green (75%)

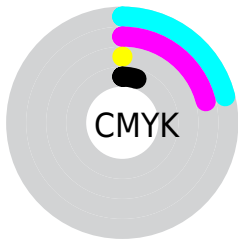
Blue (95%)



Red (75%)

Yellow (75%)

Blue (95%)

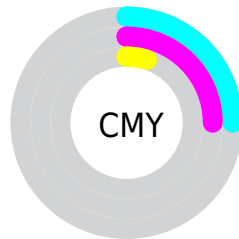


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9391, 0.2773, 0.2694 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 54.9391, 0.2773, 0.2694 by changing the saturation by 10% instead.

■ 54.9391, 0.2773,
0.2694

■ 54.9391, 0.2773,
0.2694

405.6810, 0.2945,
0.2974

■ 39.3530, 0.2732,
0.2630

■ 97.4517, 0.2834,
0.2792

■ 27.0344, 0.2680,
0.2550

125.1470, 0.2858,
0.2829

■ 17.5991, 0.2613,
0.2448

157.6474, 0.2878,
0.2862

■ 10.6625, 0.2523,
0.2316

195.3375, 0.2895,
0.2890

■ 5.8404, 0.2397,
0.2136

238.6014, 0.2910,
0.2915

■ 2.7483, 0.2209,
0.1881

287.8238, 0.2923,

■ 1.0018, 0.1907,

0.2937

0.1498

343.3888, 0.2935,
0.2956

0.0000, 0.0816,
0.0000

0.0000, 0.0000,
0.0000

54.9391, 0.2773,
0.2694

54.9391, 0.2773,
0.2694

42.3426, 0.2577,
0.2365

69.8026, 0.2950,
0.2992

31.8955, 0.2366,
0.2014

87.0297, 0.3107,
0.3256

23.4798, 0.2151,
0.1657

99.2530, 0.3197,
0.3405

16.9634, 0.1946,
0.1317

■ 12.1987, 0.1766,
0.1022

■ 9.0163, 0.1628,
0.0798

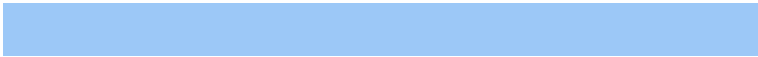
■ 7.2135, 0.1541,
0.0659

■ 6.5032, 0.1504,
0.0602

Harmonies

Analogous

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



54.9391, 0.2531, 0.2727



54.9391, 0.2773, 0.2694



54.9391, 0.3122, 0.2801

Triad

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



54.9391, 0.2773, 0.2694



54.9391, 0.3863, 0.3607



54.9391, 0.2756, 0.3576

Complementary

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



54.9391, 0.2773, 0.2694



86.7644, 0.3444, 0.3826

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.



54.9391, 0.3098, 0.3857



54.9391, 0.2773, 0.2694



54.9391, 0.3746, 0.3849

Square

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



54.9391, 0.2773, 0.2694



54.9391, 0.3770, 0.3308



54.9391, 0.3461, 0.3952



54.9391, 0.2521, 0.3218

Rectangle

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



54.9391, 0.2773, 0.2694



54.9391, 0.3374, 0.2937



54.9391, 0.3461, 0.3952



54.9391, 0.2862, 0.3685

Sweetspot

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



54.9413, 0.2773, 0.2694



87.8880, 0.3037, 0.3138



81.1517, 0.2807, 0.3280



18.5421, 0.3027, 0.3121



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.



54.9413, 0.2773, 0.2694



54.4303, 0.2684, 0.2544



58.6221, 0.2961, 0.2725



15.9419, 0.2982, 0.3045



3.5747, 0.1506, 0.0603



0.3194, 0.1521, 0.0611

Inverse Universe

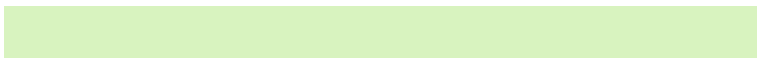
The Inverse Universe completely reimagines the original color for something new.



62.7347, 0.3159, 0.2767



64.6643, 0.3167, 0.2652



82.5034, 0.3265, 0.3858



16.7625, 0.3141, 0.3061



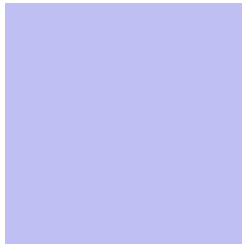
13.8588, 0.3258, 0.1568



1.2198, 0.3251, 0.1565

Previews

White Background



This preview shows how the Yxy color 54.9391, 0.2773, 0.2694 looks on a white background.

Color Contrast Check

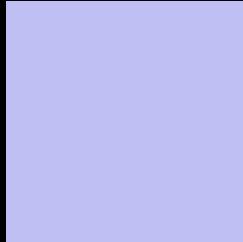
Large Text (above 18pt) WCAG AA × Fail

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 54.9391, 0.2773, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

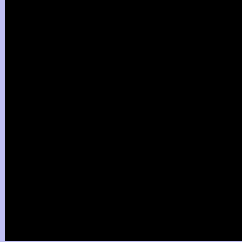
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9391, 0.2773, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 54.9391, 0.2773, 0.2694.



This preview shows how white text looks on a background with the Yxy color 54.9391, 0.2773, 0.2694.

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

54.9391, 0.2773, 0.2694

Protanopia

54.7998, 0.2701, 0.2687

Deuteranopia

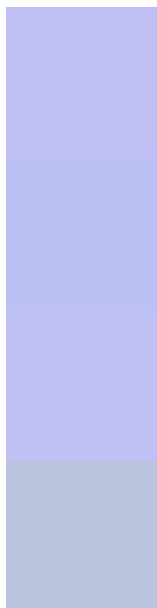
55.1175, 0.2760, 0.2704



Tritanopia

55.1251, 0.2937, 0.3107

Trichromacy



Original Color

54.9391, 0.2773, 0.2694

Protanomaly

54.6700, 0.2726, 0.2689

Deuteranomaly

55.2467, 0.2767, 0.2705

Tritanomaly

55.0493, 0.2877, 0.2956

Monochromacy



Original Color

54.9391, 0.2773, 0.2694

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4874, 0.2990, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9391, 0.2773, 0.2694 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(192, 191, 243)` looks like.

```
.text, #text, p{  
    color:rgb(192, 191, 243)  
}
```

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(192, 191, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 191, 243) }
```

Border

The CSS property to change the border of an element to Yxy 54.9391, 0.2773, 0.2694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

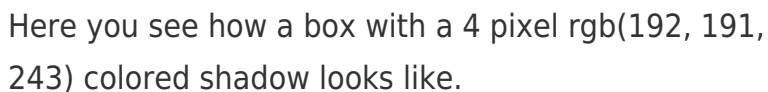
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 191, 243) }
```

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

```
.border{ border-color:rgb(192, 191, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 191, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 191, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 191, 243); box-shadow:4px 4px 4px 4px rgb(192, 191, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9391, 0.2773, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 191, 243) }
```

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

```
.background{ background-color: rgb(192,  
191, 243) }
```

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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