

Converting Colors

$Yxy(55.0736, 0.2755, 0.2634)$

Have a look what the booklet for
Yxy(55.0736, 0.2755, 0.2634)
contains.

Yxy(55.0736, 0.2755, 0.2634)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.0736, 0.2755, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	C2BEF8
RGB	194, 190, 248
RGB Percent	76%, 75%, 97%
CMY	0.2393, 0.2549, 0.0274
CMYK	0.22, 0.23, 0.00, 0.03
HSL	244°, 81%, 86%
HSV	244°, 23%, 97%
XYZ	57.6036, 55.0736, 96.4102
YIQ	197.8080, -16.2340, 18.8860

Conversions

Conversions Part 2

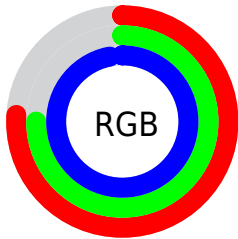
Format	Color
R_{YB}	194, 190, 248
Decimal	12762872
CIE _{Lab}	79.08, 13.29, -28.11
CIE _{LCh}	79, 31.096, 295.295
Yxy	55.0736, 0.2755, 0.2634
Android (android.graphics.Color)	4290952952 (0xFFC2BEF8)
YUV	197.8080, 24.7447, -3.3396
Hunter-Lab	74.2116, 8.6827, -25.0770

Details

The Yxy color **55.0736, 0.2755, 0.2634** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.0989, 0.3454, 0.3881**, and the grayscale version is **56.2043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6408, 0.3106, 0.3203**, and **27.1419, 0.2657, 0.2487** is the 20% darker color. If you saturate the color by 10%, you get **42.4082, 0.2564, 0.2303**, and if you desaturate by 10%, it is **70.0464, 0.2928, 0.2936**.

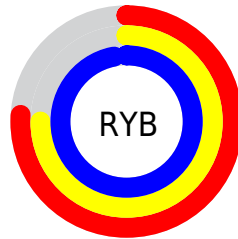
Distribution



Red (76%)

Green (75%)

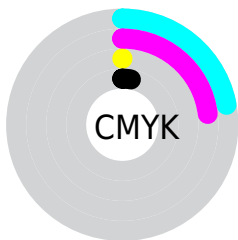
Blue (97%)



Red (76%)

Yellow (75%)

Blue (97%)

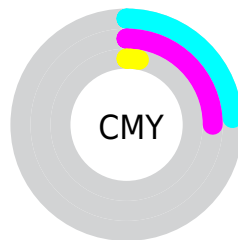


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (25%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0736, 0.2755, 0.2634 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 55.0736, 0.2755, 0.2634 by changing the saturation by 10% instead.

■ 55.0736, 0.2755,
0.2634

■ 55.0736, 0.2755,
0.2634

406.1909, 0.2936,
0.2940

■ 39.4607, 0.2712,
0.2564

■ 97.6488, 0.2820,
0.2740

■ 27.1183, 0.2657,
0.2478

125.3798, 0.2844,
0.2782

■ 17.6621, 0.2587,
0.2369

157.9190, 0.2865,
0.2817

■ 10.7076, 0.2493,
0.2227

195.6507, 0.2883,
0.2848

■ 5.8706, 0.2361,
0.2037

238.9593, 0.2899,
0.2875

■ 2.7666, 0.2167,
0.1771

288.2293, 0.2913,

■ 1.0111, 0.1859,

0.2899

0.1382

343.8450, 0.2925,
0.2921

0.0000, 0.0955,
0.0000

0.0000, 0.0000,
0.0000

55.0736, 0.2755,
0.2634

55.0736, 0.2755,
0.2634

42.4082, 0.2564,
0.2303

70.0464, 0.2928,
0.2936

31.9291, 0.2359,
0.1954

87.4264, 0.3080,
0.3206

23.5144, 0.2150,
0.1602

99.5581, 0.3168,
0.3357

17.0275, 0.1950,
0.1272

■ 12.3153, 0.1774,
0.0990

■ 9.2012, 0.1638,
0.0779

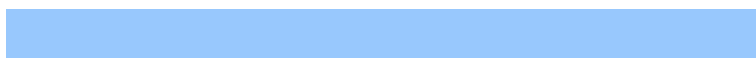
■ 7.4724, 0.1549,
0.0652

■ 6.8975, 0.1516,
0.0609

Harmonies

Analogous

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



55.0736, 0.2479, 0.2657



55.0736, 0.2755, 0.2634



55.0736, 0.3148, 0.2762

Triad

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



55.0736, 0.2755, 0.2634



55.0736, 0.3947, 0.3658



55.0736, 0.2691, 0.3585

Complementary

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



55.0736, 0.2755, 0.2634



90.0989, 0.3454, 0.3881

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.



55.0736, 0.3065, 0.3912



55.0736, 0.2755, 0.2634



55.0736, 0.3799, 0.3923

Square

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



55.0736, 0.2755, 0.2634



55.0736, 0.3860, 0.3328



55.0736, 0.3471, 0.4032



55.0736, 0.2443, 0.3181

Rectangle

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



55.0736, 0.2755, 0.2634



55.0736, 0.3428, 0.2916



55.0736, 0.3471, 0.4032



55.0736, 0.2806, 0.3710

Sweetspot

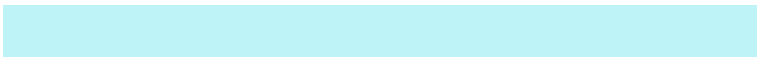
The Sweet Spot groups the original color and five complimentary colors.



55.0758, 0.2755, 0.2634



86.1174, 0.3027, 0.3112



82.5149, 0.2777, 0.3247



18.1895, 0.3018, 0.3096



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.



55.0758, 0.2755, 0.2634



52.0901, 0.2668, 0.2483



59.2764, 0.2964, 0.2672



16.6999, 0.2989, 0.3045



3.7463, 0.1521, 0.0611



0.3662, 0.1570, 0.0639

Inverse Universe

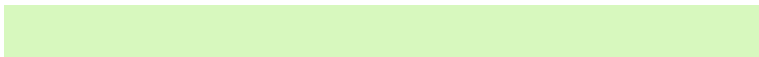
The Inverse Universe completely reimagines the original color for something new.



63.3221, 0.3184, 0.2744



62.2834, 0.3196, 0.2634



85.3290, 0.3258, 0.3919



17.5028, 0.3149, 0.3072



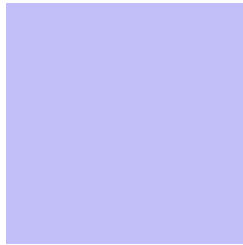
13.9051, 0.3390, 0.1641



1.2939, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 55.0736, 0.2755, 0.2634 looks on a white background.

Color Contrast Check

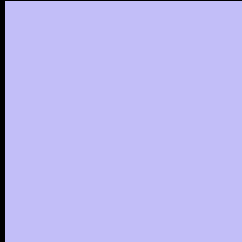
Large Text (above 18pt) WCAG AA × Fail

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 55.0736, 0.2755, 0.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

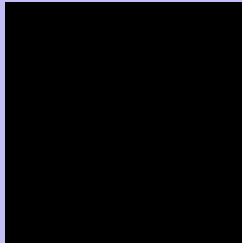
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0736, 0.2755, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 55.0736, 0.2755, 0.2634.

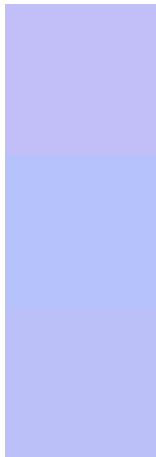


This preview shows how white text looks on a background with the Yxy color 55.0736, 0.2755, 0.2634.

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

55.0736, 0.2755, 0.2634

Protanopia

55.3724, 0.2653, 0.2635

Deuteranopia

55.1680, 0.2716, 0.2650



Tritanopia

55.2508, 0.2944, 0.3108

Trichromacy



Original Color

55.0736, 0.2755, 0.2634

Protanomaly

55.4812, 0.2691, 0.2639

Deuteranomaly

54.9861, 0.2728, 0.2641

Tritanomaly

54.9670, 0.2877, 0.2923

Monochromacy



Original Color

55.0736, 0.2755, 0.2634

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8584, 0.2991, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0736, 0.2755, 0.2634 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(194, 190, 248)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 248)  
}
```

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(194, 190, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 248) }
```

Border

The CSS property to change the border of an element to Yxy 55.0736, 0.2755, 0.2634 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(194, 190, 248) }
```

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

```
.border{ border-color:rgb(194, 190, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 248);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0736, 0.2755, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 248) }
```

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

```
.background{ background-color: rgb(194,  
190, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor