

Converting Colors

$Yxy(54.4204, 0.2836, 0.2746)$

Have a look what the booklet for
Yxy(54.4204, 0.2836, 0.2746)
contains.

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Color

Yxy(54.5434, 0.2832, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	C3BEED
RGB	195, 190, 237
RGB Percent	76%, 75%, 93%
CMY	0.2356, 0.2548, 0.0706
CMYK	0.18, 0.20, 0.00, 0.07
HSL	246°, 57%, 84%
HSV	246°, 20%, 93%
XYZ	56.1902, 54.5434, 87.6782
YIQ	196.8530, -12.1070, 15.6770

Conversions

Conversions Part 2

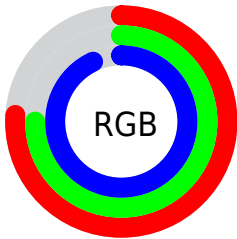
Format	Color
RYB	195, 190, 237
Decimal	12828397
CIELab	78.78, 11.12, -22.66
CIELCh	79, 25.239, 296.133
Yxy	54.5434, 0.2832, 0.2749
Android (android.graphics.Color)	4291018477 (0xFFC3BEED)
YUV	196.8530, 19.7925, -1.6251
Hunter-Lab	73.8535, 6.5651, -18.6911

Details

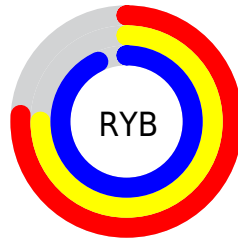
The Yxy color **54.5434, 0.2832, 0.2749** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.4513, 0.3391, 0.3789**, and the grayscale version is **55.6213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8270, 0.3112, 0.3203**, and **26.8902, 0.2756, 0.2621** is the 20% darker color. If you saturate the color by 10%, you get **42.4710, 0.2654, 0.2431**, and if you desaturate by 10%, it is **68.6913, 0.2991, 0.3038**.

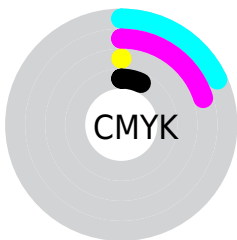
Distribution



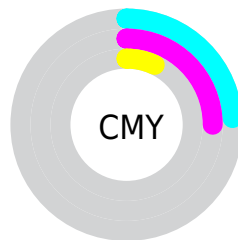
- Red (76%)
- Green (75%)
- Blue (93%)



- Red (76%)
- Yellow (75%)
- Blue (93%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5434, 0.2832, 0.2749 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 54.5434, 0.2832, 0.2749 by changing the saturation by 10% instead.

■ 54.5434, 0.2832,
0.2749

■ 54.5434, 0.2832,
0.2749

404.1788, 0.2976,
0.3004

■ 39.0363, 0.2797,
0.2690

■ 96.8716, 0.2884,
0.2838

■ 26.7879, 0.2753,
0.2616

124.4615, 0.2903,
0.2873

■ 17.4140, 0.2696,
0.2523

156.8478, 0.2920,
0.2902

■ 10.5301, 0.2619,
0.2400

194.4149, 0.2934,
0.2928

■ 5.7518, 0.2509,
0.2232

237.5471, 0.2947,
0.2951

■ 2.6948, 0.2344,
0.1989

286.6289, 0.2958,

■ 0.9745, 0.2069,

0.2970

0.1618

342.0447, 0.2968,
0.2988

0.0000, 0.0859,
0.0000

0.0000, 0.0000,
0.0000

54.5434, 0.2832,
0.2749

54.5434, 0.2832,
0.2749

42.4710, 0.2654,
0.2431

68.6913, 0.2991,
0.3038

32.3698, 0.2460,
0.2091

84.9988, 0.3130,
0.3294

24.1370, 0.2257,
0.1742

98.8938, 0.3232,
0.3464

17.6573, 0.2056,
0.1405

■ 12.8029, 0.1870,
0.1104

■ 9.4283, 0.1714,
0.0864

■ 7.3619, 0.1599,
0.0703

■ 6.3317, 0.1531,
0.0618

■ 6.3173, 0.1530,
0.0616

Harmonies

Analogous

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



54.5434, 0.2598, 0.2768



54.5434, 0.2832, 0.2749



54.5434, 0.3156, 0.2858

Triad

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



54.5434, 0.2832, 0.2749



54.5434, 0.3793, 0.3606



54.5434, 0.2765, 0.3521

Complementary

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



54.5434, 0.2832, 0.2749



81.4513, 0.3391, 0.3789

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.



54.5434, 0.3071, 0.3784



54.5434, 0.2832, 0.2749



54.5434, 0.3671, 0.3815

Square

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



54.5434, 0.2832, 0.2749



54.5434, 0.3727, 0.3335



54.5434, 0.3404, 0.3890



54.5434, 0.2561, 0.3198

Rectangle

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



54.5434, 0.2832, 0.2749



54.5434, 0.3383, 0.2988



54.5434, 0.3404, 0.3890



54.5434, 0.2859, 0.3621

Sweetspot

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



54.5456, 0.2832, 0.2749



88.1169, 0.3046, 0.3139



74.9430, 0.2827, 0.3237



18.5960, 0.3036, 0.3122



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.



54.5456, 0.2832, 0.2749



58.0203, 0.2758, 0.2616



57.8897, 0.3005, 0.2776



14.6242, 0.2996, 0.3047



3.4758, 0.1537, 0.0620



0.2982, 0.1620, 0.0666

Inverse Universe

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



60.6726, 0.3187, 0.2847



66.5698, 0.3201, 0.2749



77.8091, 0.3228, 0.3816



15.2851, 0.3154, 0.3082



12.4436, 0.3491, 0.1697



0.9849, 0.3447, 0.1672

Previews

White Background



This preview shows how the Yxy color 54.5434, 0.2832, 0.2749 looks on a white background.

Color Contrast Check

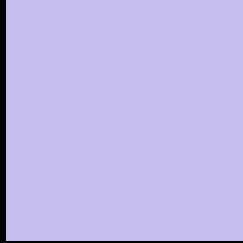
Large Text (above 18pt) WCAG AA × Fail

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 54.5434, 0.2832, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

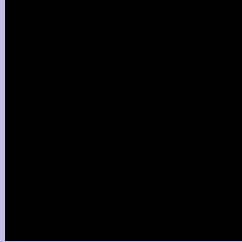
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5434, 0.2832, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 54.5434, 0.2832, 0.2749.



This preview shows how white text looks on a background with the Yxy color 54.5434, 0.2832, 0.2749.

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

54.5434, 0.2832, 0.2749

Protanopia

54.5623, 0.2744, 0.2751

Deuteranopia

54.7135, 0.2819, 0.2758



Tritanopia

54.6305, 0.2980, 0.3108

Trichromacy



Original Color

54.5434, 0.2832, 0.2749

Protanomaly

54.5637, 0.2777, 0.2754

Deuteranomaly

54.8454, 0.2826, 0.2759

Tritanomaly

54.5137, 0.2926, 0.2968

Monochromacy



Original Color

54.5434, 0.2832, 0.2749

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0728, 0.3012, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5434, 0.2832, 0.2749 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(195, 190, 237)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 237)  
}
```

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(195, 190, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 237) }
```

Border

The CSS property to change the border of an element to Yxy 54.5434, 0.2832, 0.2749 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(195, 190, 237) }
```

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

```
.border{ border-color:rgb(195, 190, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 237);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5434, 0.2832, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 237) }
```

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

```
.background{ background-color: rgb(195,  
190, 237) }
```

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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