

Converting Colors

$Yxy(55.1757, 0.2932, 0.2728)$

Have a look what the booklet for
Yxy(55.1757, 0.2932, 0.2728)
contains.

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Color

Yxy(55.2104, 0.2935, 0.2730)

Conversions

Conversions Part 1

Format	Color
Hex	D1BBED
RGB	209, 187, 237
RGB Percent	82%, 73%, 93%
CMY	0.1803, 0.2667, 0.0705
CMYK	0.12, 0.21, 0.00, 0.07
HSL	266°, 58%, 83%
HSV	266°, 21%, 93%
XYZ	59.3562, 55.2104, 87.6693
YIQ	199.2780, -2.9380, 20.2140

Conversions

Conversions Part 2

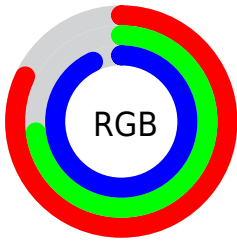
Format	Color
R _Y B	209, 187, 237
Decimal	13745133
CIE Lab	79.16, 17.20, -21.99
CIE LCh	79, 27.915, 308.026
Yxy	55.2104, 0.2935, 0.2730
Android (android.graphics.Color)	4291935213 (0xFFD1BBED)
YUV	199.2780, 18.5969, 8.5262
Hunter-Lab	74.3037, 12.5602, -17.9423

Details

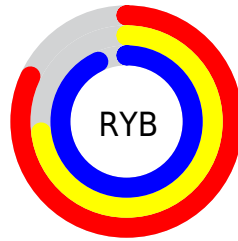
The Yxy color **55.2104, 0.2935, 0.2730** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6210, 0.3290, 0.3844**, and the grayscale version is **57.1802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **27.2564, 0.2880, 0.2600** is the 20% darker color. If you saturate the color by 10%, you get **44.1161, 0.2822, 0.2434**, and if you desaturate by 10%, it is **68.1303, 0.3034, 0.3008**.

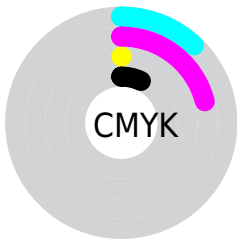
Distribution



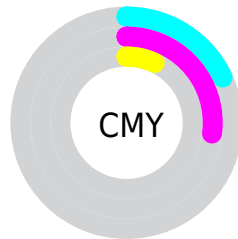
- Red (82%)
- Green (73%)
- Blue (93%)



- Red (82%)
- Yellow (73%)
- Blue (93%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2104, 0.2935, 0.2730 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 55.2104, 0.2935, 0.2730 by changing the saturation by 10% instead.

■ 55.2104, 0.2935,
0.2730

■ 55.2104, 0.2935,
0.2730

406.7090, 0.3031,
0.2991

■ 39.5702, 0.2911,
0.2670

■ 97.8492, 0.2970,
0.2821

■ 27.2036, 0.2881,
0.2596

125.6165, 0.2983,
0.2856

■ 17.7262, 0.2842,
0.2502

158.1950, 0.2994,
0.2887

■ 10.7536, 0.2788,
0.2379

195.9691, 0.3003,
0.2913

■ 5.9014, 0.2710,
0.2212

239.3231, 0.3012,
0.2936

■ 2.7852, 0.2589,
0.1973

288.6415, 0.3019,

■ 1.0207, 0.2383,

0.2957

0.1612

344.3087, 0.3025,
0.2975

0.0000, 0.1793,
0.0000

0.0000, 0.0000,
0.0000

55.2104, 0.2935,
0.2730

55.2104, 0.2935,
0.2730

44.1161, 0.2822,
0.2434

68.1303, 0.3034,
0.3008

34.7553, 0.2695,
0.2128

82.9486, 0.3119,
0.3263

27.0379, 0.2557,
0.1823

97.7446, 0.3193,
0.3465

20.8629, 0.2412,
0.1533

98.8960, 0.3232,
0.3463

■ 16.1175, 0.2265,
0.1274

■ 12.6729, 0.2124,
0.1063

■ 10.3755, 0.1996,
0.0909

■ 9.0772, 0.1897,
0.0819

Harmonies

Analogous

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



55.2104, 0.2632, 0.2692



55.2104, 0.2935, 0.2730



55.2104, 0.3308, 0.2897

Triad

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



55.2104, 0.2935, 0.2730



55.2104, 0.3831, 0.3738



55.2104, 0.2623, 0.3402

Complementary

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



55.2104, 0.2935, 0.2730



78.6210, 0.3290, 0.3844

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.



55.2104, 0.2921, 0.3738



55.2104, 0.2935, 0.2730



55.2104, 0.3623, 0.3922

Square

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



55.2104, 0.2935, 0.2730



55.2104, 0.3843, 0.3457



55.2104, 0.3287, 0.3932



55.2104, 0.2461, 0.3054

Rectangle

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



55.2104, 0.2935, 0.2730



55.2104, 0.3545, 0.3062



55.2104, 0.3287, 0.3932



55.2104, 0.2710, 0.3522

Sweetspot

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



55.2127, 0.2935, 0.2730



89.0349, 0.3079, 0.3140



65.4587, 0.2796, 0.3041



18.8124, 0.3073, 0.3124



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.



55.2127, 0.2935, 0.2730



59.6978, 0.2892, 0.2614



59.0959, 0.3126, 0.2761



14.8732, 0.3049, 0.3051



5.0294, 0.1914, 0.0828



0.4510, 0.2068, 0.0913

Inverse Universe

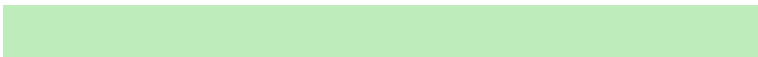
The Inverse Universe completely reimagines the original color for something new.



58.4557, 0.3322, 0.2989



64.1739, 0.3368, 0.2929



75.1621, 0.3122, 0.3873



15.1953, 0.3205, 0.3159



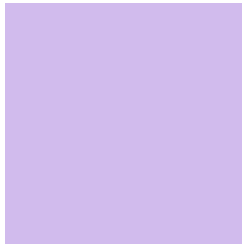
10.7769, 0.4704, 0.2365



0.8655, 0.4439, 0.2219

Previews

White Background



This preview shows how the Yxy color 55.2104, 0.2935, 0.2730 looks on a white background.

Color Contrast Check

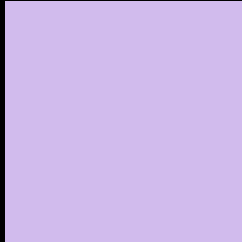
Large Text (above 18pt) WCAG AA × Fail

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 55.2104, 0.2935, 0.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

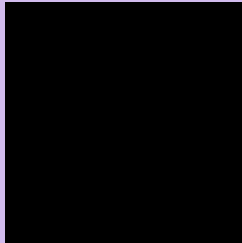
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2104, 0.2935, 0.2730

Background



This preview shows how black text looks on a background with the Yxy color 55.2104, 0.2935, 0.2730.



This preview shows how white text looks on a background with the Yxy color 55.2104, 0.2935, 0.2730.

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

55.2104, 0.2935, 0.2730

Protanopia

55.3087, 0.2734, 0.2733

Deuteranopia

55.3575, 0.2840, 0.2783



Tritanopia

55.0416, 0.3111, 0.3113

Trichromacy



Original Color

55.2104, 0.2935, 0.2730

Protanomaly

55.0222, 0.2806, 0.2728

Deuteranomaly

55.1624, 0.2876, 0.2765

Tritanomaly

55.0107, 0.3047, 0.2966

Monochromacy



Original Color

55.2104, 0.2935, 0.2730

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5308, 0.3059, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2104, 0.2935, 0.2730 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(209, 187, 237)` looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 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(209, 187, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 237) }
```

Border

The CSS property to change the border of an element to Yxy 55.2104, 0.2935, 0.2730 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(209, 187, 237) }
```

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

```
.border{ border-color:rgb(209, 187, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 187, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 187, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 187, 237);  
box-shadow:4px 4px 4px 4px rgb(209, 187,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2104, 0.2935, 0.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 237) }
```

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

```
.background{ background-color: rgb(209,  
187, 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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