

Converting Colors

Yxy(53.2858, 0.2776, 0.2613)

Have a look what the booklet for
Yxy(53.2858, 0.2776, 0.2613)
contains.

Yxy(53.3125, 0.2778, 0.2619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.3125, 0.2778, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	C3BAF5
RGB	195, 186, 245
RGB Percent	76%, 73%, 96%
CMY	0.2352, 0.2706, 0.0392
CMYK	0.20, 0.24, 0.00, 0.04
HSL	249°, 75%, 85%
HSV	249°, 24%, 96%
XYZ	56.5491, 53.3125, 93.6989
YIQ	195.4170, -13.5750, 20.2570

Conversions

Conversions Part 2

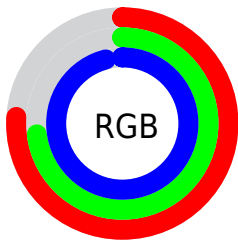
Format	Color
R _Y B	195, 186, 245
Decimal	12827381
CIE Lab	78.06, 15.10, -28.06
CIE LCh	78, 31.870, 298.291
Yxy	53.3125, 0.2778, 0.2619
Android (android.graphics.Color)	4291017461 (0xFFC3BAF5)
YUV	195.4170, 24.4444, -0.3657
Hunter-Lab	73.0154, 10.4681, -24.9746

Details

The Yxy color $53.3125, 0.2778, 0.2619$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.6835, 0.3429, 0.3905$, and the grayscale version is $54.6947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.4197, 0.3114, 0.3165$, and $26.1119, 0.2685, 0.2455$ is the 20% darker color. If you saturate the color by 10%, you get $41.2859, 0.2601, 0.2294$, and if you desaturate by 10%, it is $67.4975, 0.2937, 0.2919$.

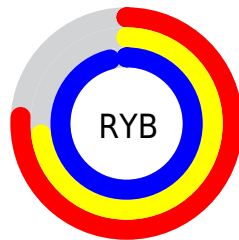
Distribution



Red (76%)

Green (73%)

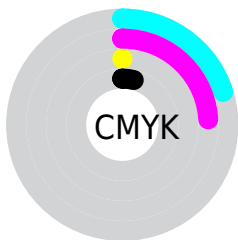
Blue (96%)



Red (76%)

Yellow (73%)

Blue (96%)

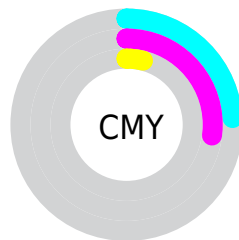


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3125, 0.2778, 0.2619 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 53.3125, 0.2778, 0.2619 by changing the saturation by 10% instead.

■ 53.3125, 0.2778,
0.2619

■ 53.3125, 0.2778,
0.2619

■ 399.4829, 0.2950,
0.2933

■ 38.0523, 0.2736,
0.2547

■ 95.0641, 0.2839,
0.2728

■ 26.0233, 0.2684,
0.2458

■ 122.3242, 0.2863,
0.2771

■ 16.8411, 0.2616,
0.2346

■ 154.3531, 0.2883,
0.2807

■ 10.1212, 0.2524,
0.2200

■ 191.5352, 0.2900,
0.2839

■ 5.4794, 0.2395,
0.2003

■ 234.2548, 0.2915,
0.2867

■ 2.5312, 0.2202,
0.1727

■ 282.8963, 0.2928,

■ 0.8922, 0.1890,

0.2891

0.1323

337.8443, 0.2939,
0.2913

0.0000, 0.0779,
0.0000

0.0000, 0.0000,
0.0000

53.3125, 0.2778,
0.2619

53.3125, 0.2778,
0.2619

41.2859, 0.2601,
0.2294

67.4975, 0.2937,
0.2919

31.3052, 0.2411,
0.1952

83.9332, 0.3076,
0.3189

23.2574, 0.2213,
0.1610

99.3729, 0.3185,
0.3386

17.0161, 0.2020,
0.1290

■ 12.4393, 0.1844,
0.1014

■ 9.3636, 0.1700,
0.0805

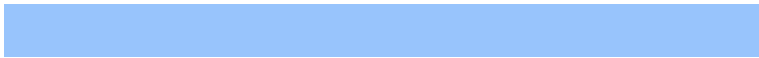
■ 7.5915, 0.1596,
0.0675

■ 6.9944, 0.1554,
0.0630

Harmonies

Analogous

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



53.3125, 0.2478, 0.2626



53.3125, 0.2778, 0.2619



53.3125, 0.3191, 0.2765

Triad

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



53.3125, 0.2778, 0.2619



53.3125, 0.3972, 0.3701



53.3125, 0.2643, 0.3554

Complementary

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



53.3125, 0.2778, 0.2619



86.6835, 0.3429, 0.3905

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.



53.3125, 0.3020, 0.3910



53.3125, 0.2778, 0.2619



53.3125, 0.3795, 0.3965

Square

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



53.3125, 0.2778, 0.2619



53.3125, 0.3907, 0.3363



53.3125, 0.3442, 0.4059



53.3125, 0.2404, 0.3136

Rectangle

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



53.3125, 0.2778, 0.2619



53.3125, 0.3480, 0.2931



53.3125, 0.3442, 0.4059



53.3125, 0.2757, 0.3688

Sweetspot

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



53.3147, 0.2778, 0.2619



86.3792, 0.3037, 0.3113



77.1114, 0.2763, 0.3191



18.2499, 0.3029, 0.3097



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.



53.3147, 0.2778, 0.2619



51.5404, 0.2692, 0.2460



57.6141, 0.2996, 0.2660



16.0482, 0.3003, 0.3047



3.8048, 0.1563, 0.0635



0.3700, 0.1660, 0.0688

Inverse Universe

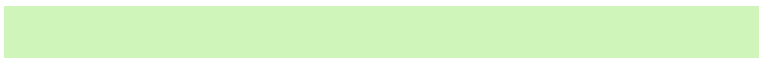
The Inverse Universe completely reimagines the original color for something new.



60.5862, 0.3223, 0.2776



60.8415, 0.3247, 0.2667



82.0680, 0.3229, 0.3946



16.7222, 0.3161, 0.3092



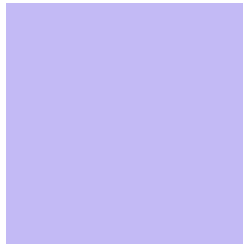
12.9163, 0.3638, 0.1778



1.1467, 0.3575, 0.1743

Previews

White Background



This preview shows how the Yxy color 53.3125, 0.2778, 0.2619 looks on a white background.

Color Contrast Check

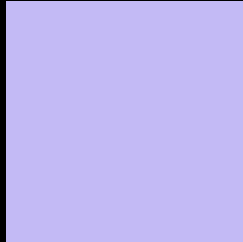
Large Text (above 18pt) WCAG AA × Fail

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 53.3125, 0.2778, 0.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

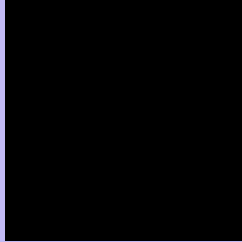
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3125, 0.2778, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 53.3125, 0.2778, 0.2619.

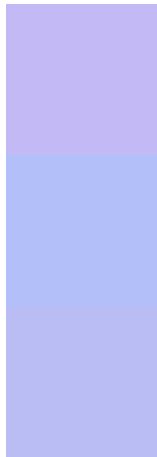


This preview shows how white text looks on a background with the Yxy color 53.3125, 0.2778, 0.2619.

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

53.3125, 0.2778, 0.2619

Protanopia

53.5039, 0.2647, 0.2626

Deuteranopia

53.2411, 0.2716, 0.2652



Tritanopia

53.3854, 0.2979, 0.3106

Trichromacy



Original Color

53.3125, 0.2778, 0.2619

Protanomaly

53.3009, 0.2691, 0.2620

Deuteranomaly

53.3169, 0.2743, 0.2645

Tritanomaly

53.1237, 0.2910, 0.2920

Monochromacy



Original Color

53.3125, 0.2778, 0.2619

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1055, 0.2997, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3125, 0.2778, 0.2619 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, 186, 245)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 245)  
}
```

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, 186, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 245) }
```

Border

The CSS property to change the border of an element to Yxy 53.3125, 0.2778, 0.2619 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, 186, 245) }
```

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

```
.border{ border-color:rgb(195, 186, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 186, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 186, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 186, 245); box-shadow:4px 4px 4px 4px rgb(195, 186, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3125, 0.2778, 0.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 245) }
```

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

```
.background{ background-color: rgb(195,  
186, 245) }
```

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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