

Converting Colors

$Yxy(53.2779, 0.2764, 0.2637)$

Have a look what the booklet for
Yxy(53.2779, 0.2764, 0.2637)
contains.

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Color

Yxy(53.2788, 0.2764, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	C0BBF4
RGB	192, 187, 244
RGB Percent	75%, 73%, 96%
CMY	0.2469, 0.2667, 0.0432
CMYK	0.21, 0.23, 0.00, 0.04
HSL	245°, 72%, 85%
HSV	245°, 23%, 96%
XYZ	55.8447, 53.2788, 92.9197
YIQ	194.9930, -15.3170, 18.7870

Conversions

Conversions Part 2

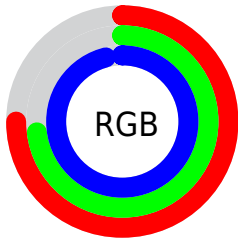
Format	Color
R _Y B	192, 187, 244
Decimal	12631028
CIE Lab	78.04, 13.44, -27.57
CIE LCh	78, 30.669, 295.985
Yxy	53.2788, 0.2764, 0.2637
Android (android.graphics.Color)	4290821108 (0xFFC0BBF4)
YUV	194.9930, 24.1605, -2.6249
Hunter-Lab	72.9923, 8.8297, -24.3819

Details

The Yxy color $53.2788, 0.2764, 0.2637$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86.6223, 0.3445, 0.3881$, and the grayscale version is $54.4337, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.4609, 0.3094, 0.3174$, and $26.0843, 0.2667, 0.2477$ is the 20% darker color. If you saturate the color by 10%, you get $41.1063, 0.2577, 0.2308$, and if you desaturate by 10%, it is $67.6528, 0.2933, 0.2938$.

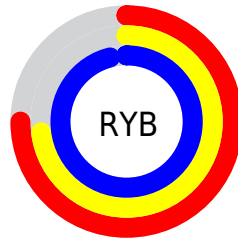
Distribution



Red (75%)

Green (73%)

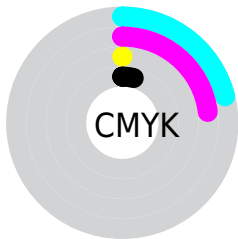
Blue (96%)



Red (75%)

Yellow (73%)

Blue (96%)

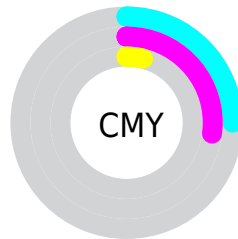


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2788, 0.2764, 0.2637 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 53.2788, 0.2764, 0.2637 by changing the saturation by 10% instead.

■ 53.2788, 0.2764,
0.2637

■ 53.2788, 0.2764,
0.2637

■ 399.3538, 0.2942,
0.2943

■ 38.0254, 0.2721,
0.2567

■ 95.0145, 0.2828,
0.2744

■ 26.0024, 0.2667,
0.2479

■ 122.2656, 0.2852,
0.2785

■ 16.8254, 0.2597,
0.2369

■ 154.2846, 0.2872,
0.2821

■ 10.1101, 0.2502,
0.2225

■ 191.4561, 0.2890,
0.2852

■ 5.4720, 0.2370,
0.2031

■ 234.1644, 0.2906,
0.2879

■ 2.5268, 0.2171,
0.1757

■ 282.7938, 0.2919,

■ 0.8900, 0.1852,

0.2903

0.1352

337.7288, 0.2931,
0.2924

0.0000, 0.0605,
0.0000

0.0000, 0.0000,
0.0000

53.2788, 0.2764,
0.2637

53.2788, 0.2764,
0.2637

41.1063, 0.2577,
0.2308

67.6528, 0.2933,
0.2938

31.0203, 0.2376,
0.1961

84.3227, 0.3082,
0.3207

22.9053, 0.2169,
0.1612

99.3111, 0.3191,
0.3396

16.6318, 0.1970,
0.1283

■ 12.0550, 0.1794,
0.1001

■ 9.0080, 0.1654,
0.0789

■ 7.2899, 0.1560,
0.0659

■ 6.6976, 0.1523,
0.0613

Harmonies

Analogous

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



53.2788, 0.2485, 0.2657



53.2788, 0.2764, 0.2637



53.2788, 0.3157, 0.2768

Triad

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



53.2788, 0.2764, 0.2637



53.2788, 0.3944, 0.3664



53.2788, 0.2685, 0.3575

Complementary

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



53.2788, 0.2764, 0.2637



86.6223, 0.3445, 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.



53.2788, 0.3056, 0.3905



53.2788, 0.2764, 0.2637



53.2788, 0.3791, 0.3926

Square

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



53.2788, 0.2764, 0.2637



53.2788, 0.3862, 0.3336



53.2788, 0.3462, 0.4030



53.2788, 0.2441, 0.3173

Rectangle

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



53.2788, 0.2764, 0.2637



53.2788, 0.3436, 0.2923



53.2788, 0.3462, 0.4030



53.2788, 0.2798, 0.3701

Sweetspot

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



53.2810, 0.2764, 0.2637



86.1796, 0.3030, 0.3112



78.9686, 0.2777, 0.3237



18.2039, 0.3021, 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.



53.2810, 0.2764, 0.2637



52.2735, 0.2678, 0.2485



57.3216, 0.2972, 0.2675



15.9970, 0.2993, 0.3046



3.6663, 0.1529, 0.0616



0.3457, 0.1594, 0.0652

Inverse Universe

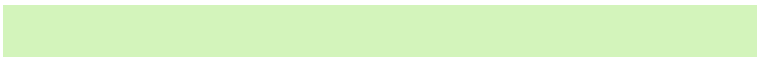
The Inverse Universe completely reimagines the original color for something new.



60.9967, 0.3192, 0.2756



62.1938, 0.3207, 0.2647



82.0936, 0.3251, 0.3919



16.7415, 0.3152, 0.3077



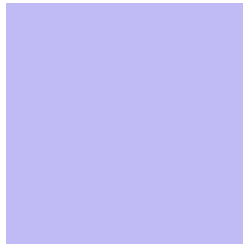
13.3466, 0.3446, 0.1672



1.1803, 0.3413, 0.1654

Previews

White Background



This preview shows how the Yxy color 53.2788, 0.2764, 0.2637 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 53.2788, 0.2764, 0.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

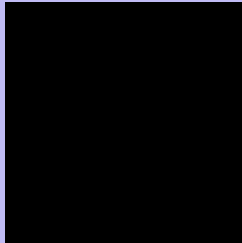
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2788, 0.2764, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 53.2788, 0.2764, 0.2637.

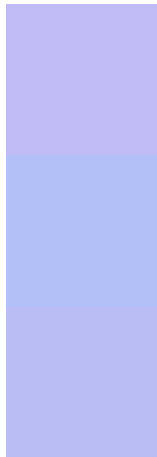


This preview shows how white text looks on a background with the Yxy color 53.2788, 0.2764, 0.2637.

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

53.2788, 0.2764, 0.2637

Protanopia

53.5607, 0.2660, 0.2638

Deuteranopia

53.2411, 0.2716, 0.2652



Tritanopia

53.1825, 0.2957, 0.3093

Trichromacy



Original Color

53.2788, 0.2764, 0.2637

Protanomaly

53.6711, 0.2698, 0.2642

Deuteranomaly

53.1895, 0.2736, 0.2644

Tritanomaly

53.2269, 0.2881, 0.2918

Monochromacy



Original Color

53.2788, 0.2764, 0.2637

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9727, 0.2989, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2788, 0.2764, 0.2637 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, 187, 244)` looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 244)  
}
```

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, 187, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 244) }
```

Border

The CSS property to change the border of an element to Yxy 53.2788, 0.2764, 0.2637 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, 187, 244) }
```

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

```
.border{ border-color:rgb(192, 187, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 187, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 244);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2788, 0.2764, 0.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 244) }
```

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

```
.background{ background-color: rgb(192,  
187, 244) }
```

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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