

Converting Colors

Yxy(54.2737, 0.3111, 0.2936)

Have a look what the booklet for
Yxy(54.2737, 0.3111, 0.2936)
contains.

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Color

Yxy(54.2737, 0.3111, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	D5BAD9
RGB	213, 186, 217
RGB Percent	84%, 73%, 85%
CMY	0.1649, 0.2705, 0.1491
CMYK	0.02, 0.14, 0.00, 0.15
HSL	292°, 29%, 79%
HSV	292°, 14%, 85%
XYZ	57.5087, 54.2737, 73.0735
YIQ	197.6070, 6.1410, 15.3650

Conversions

Conversions Part 2

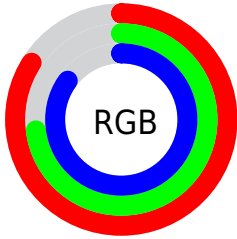
Format	Color
R _Y B	213, 186, 217
Decimal	14007001
CIE Lab	78.62, 15.05, -11.96
CIE LCh	79, 19.225, 321.512
Yxy	54.2737, 0.3111, 0.2936
Android (android.graphics.Color)	4292197081 (0xFFD5BAD9)
YUV	197.6070, 9.5607, 13.4997
Hunter-Lab	73.6707, 10.4166, -7.2399

Details

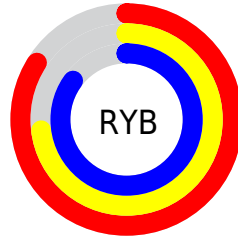
The Yxy color $54.2737, 0.3111, 0.2936$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $64.1151, 0.3139, 0.3664$, and the grayscale version is $56.1567, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $26.6528, 0.3104, 0.2852$ is the 20% darker color. If you saturate the color by 10%, you get $45.3966, 0.3096, 0.2678$, and if you desaturate by 10%, it is $64.5510, 0.3123, 0.3187$.

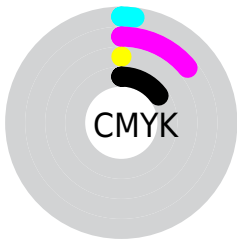
Distribution



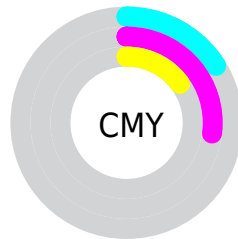
- Red (84%)
- Green (73%)
- Blue (85%)



- Red (84%)
- Yellow (73%)
- Blue (85%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)




- Cyan (16%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2737, 0.3111, 0.2936 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 54.2737, 0.3111, 0.2936 by changing the saturation by 10% instead.


 54.2737, 0.3111,
0.2936

 54.2737, 0.3111,
0.2936


403.1529, 0.3121,
0.3104

 38.8205, 0.3108,
0.2897


 96.4760, 0.3115,
0.2995

 26.6201, 0.3104,
0.2847


123.9939, 0.3116,
0.3018

 17.2881, 0.3099,
0.2784


156.3022, 0.3117,
0.3037

 10.4401, 0.3091,
0.2700

193.7852, 0.3118,
0.3054

 5.6917, 0.3078,
0.2583

236.8274, 0.3119,
0.3069

 2.6586, 0.3054,
0.2409

285.8131, 0.3120,

 0.9562, 0.3005,

0.3082

0.2124

341.1268, 0.3120,
0.3094

0.0000, 0.2490,
0.0000

0.0000, 0.0000,
0.0000

54.2737, 0.3111,
0.2936

54.2737, 0.3111,
0.2936

45.3966, 0.3096,
0.2678

64.5510, 0.3123,
0.3187

37.8504, 0.3076,
0.2421

76.2800, 0.3132,
0.3425

31.5701, 0.3054,
0.2172

89.5181, 0.3138,
0.3648

26.4826, 0.3027,
0.1943

92.4165, 0.3154,
0.3685

■ 22.5075, 0.2998,
0.1743

■ 92.8728, 0.3172,
0.3683

■ 19.5542, 0.2966,
0.1581

■ 93.3366, 0.3189,
0.3680

■ 17.5178, 0.2932,
0.1462

■ 93.8081, 0.3207,
0.3678

■ 16.2709, 0.2898,
0.1388

■ 94.2871, 0.3226,
0.3676

■ 15.7888, 0.2879,
0.1360

■ 94.7739, 0.3244,
0.3674

Harmonies

Analogous

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



54.2737, 0.2869, 0.2867



54.2737, 0.3111, 0.2936



54.2737, 0.3367, 0.3090

Triad

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



54.2737, 0.3111, 0.2936



54.2737, 0.3566, 0.3675



54.2737, 0.2709, 0.3261

Complementary

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



54.2737, 0.3111, 0.2936



64.1151, 0.3139, 0.3664

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.



54.2737, 0.2883, 0.3501



54.2737, 0.3111, 0.2936



54.2737, 0.3378, 0.3745

Square

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



54.2737, 0.3111, 0.2936



54.2737, 0.3636, 0.3507



54.2737, 0.3127, 0.3683



54.2737, 0.2644, 0.3041

Rectangle

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



54.2737, 0.3111, 0.2936



54.2737, 0.3508, 0.3224



54.2737, 0.3127, 0.3683



54.2737, 0.2756, 0.3342

Sweetspot

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



54.2760, 0.3111, 0.2936



93.4126, 0.3123, 0.3192



52.3453, 0.2901, 0.2964



19.7372, 0.3122, 0.3174



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.



54.2760, 0.3111, 0.2936



74.3363, 0.3107, 0.2862



54.3162, 0.3232, 0.3065



13.1843, 0.3117, 0.3058



9.5929, 0.2884, 0.1362



0.6459, 0.2940, 0.1393

Inverse Universe

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



53.5984, 0.3357, 0.3244



73.1975, 0.3413, 0.3234



64.1047, 0.3035, 0.3526



13.0790, 0.3271, 0.3260



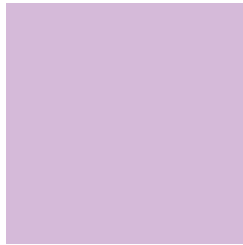
8.9902, 0.6225, 0.3203



0.5916, 0.5858, 0.3001

Previews

White Background



This preview shows how the Yxy color 54.2737, 0.3111, 0.2936 looks on a white background.

Color Contrast Check

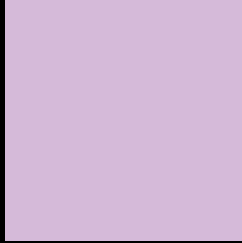
Large Text (above 18pt) WCAG AA × Fail

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 54.2737, 0.3111, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

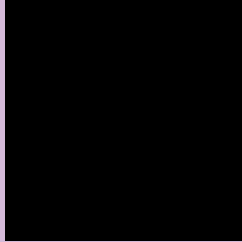
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2737, 0.3111, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 54.2737, 0.3111, 0.2936.



This preview shows how white text looks on a background with the Yxy color 54.2737, 0.3111, 0.2936.

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

54.2737, 0.3111, 0.2936

Protanopia

54.3610, 0.2897, 0.2944

Deuteranopia

54.1904, 0.3046, 0.2974



Tritanopia

54.1271, 0.3201, 0.3115

Trichromacy



Original Color

54.2737, 0.3111, 0.2936

Protanomaly

54.0000, 0.2971, 0.2937

Deuteranomaly

54.1897, 0.3070, 0.2965

Tritanomaly

54.0918, 0.3171, 0.3047

Monochromacy



Original Color

54.2737, 0.3111, 0.2936

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6879, 0.3117, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2737, 0.3111, 0.2936 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(213, 186, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 217)  
}
```

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(213, 186, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 217) }
```

Border

The CSS property to change the border of an element to Yxy 54.2737, 0.3111, 0.2936 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(213, 186, 217) }
```

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

```
.border{ border-color:rgb(213, 186, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 186, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 186, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 186, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 186,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2737, 0.3111, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 217) }
```

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

```
.background{ background-color: rgb(213,  
186, 217) }
```

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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