

Converting Colors

$Y_{xy}(53.5998, 0.2974, 0.3003)$

Have a look what the booklet for
Yxy(53.5998, 0.2974, 0.3003)
contains.

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Color

Yxy(53.6372, 0.2975, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	C2BFD7
RGB	194, 191, 215
RGB Percent	76%, 75%, 84%
CMY	0.2394, 0.2509, 0.1569
CMYK	0.10, 0.11, 0.00, 0.16
HSL	247°, 23%, 80%
HSV	247°, 11%, 84%
XYZ	53.1371, 53.6372, 71.8378
YIQ	194.6330, -5.9160, 8.1000

Conversions

Conversions Part 2

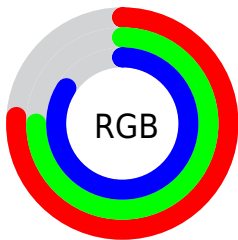
Format	Color
R _Y B	194, 191, 215
Decimal	12763095
CIE Lab	78.25, 5.65, -11.61
CIE LCh	78, 12.913, 295.943
Yxy	53.6372, 0.2975, 0.3003
Android (android.graphics.Color)	4290953175 (0xFFC2BFD7)
YUV	194.6330, 10.0409, -0.5551
Hunter-Lab	73.2374, 1.3444, -6.8907

Details

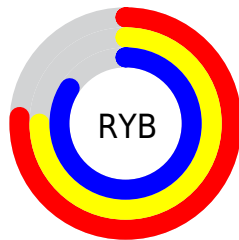
The Yxy color $53.6372, 0.2975, 0.3003$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $66.3640, 0.3270, 0.3565$, and the grayscale version is $54.2838, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.2508, 0.3105, 0.3213$, and $26.2905, 0.2933, 0.2938$ is the 20% darker color. If you saturate the color by 10%, you get $42.6014, 0.2818, 0.2713$, and if you desaturate by 10%, it is $66.3705, 0.3113, 0.3262$.

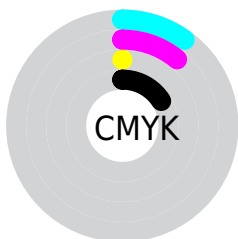
Distribution



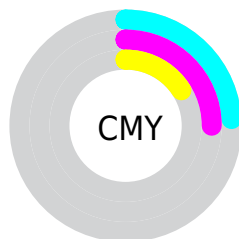
- Red (76%)
- Green (75%)
- Blue (84%)



- Red (76%)
- Yellow (75%)
- Blue (84%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6372, 0.2975, 0.3003 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 53.6372, 0.2975, 0.3003 by changing the saturation by 10% instead.

■ 53.6372, 0.2975,
0.3003

■ 53.6372, 0.2975,
0.3003

400.7250, 0.3050,
0.3141

■ 38.3117, 0.2957,
0.2970

■ 95.5413, 0.3002,
0.3052

■ 26.2247, 0.2934,
0.2929

122.8888, 0.3012,
0.3071

■ 16.9918, 0.2903,
0.2875

155.0123, 0.3021,
0.3087

■ 10.2286, 0.2862,
0.2803

192.2963, 0.3028,
0.3101

■ 5.5508, 0.2802,
0.2701

235.1252, 0.3035,
0.3113

■ 2.5739, 0.2707,
0.2545

283.8833, 0.3040,

■ 0.9136, 0.2539,

0.3123

0.2281

338.9551, 0.3045,
0.3133

0.0000, 0.0000,
0.0000

53.6372, 0.2975,
0.3003

53.6372, 0.2975,
0.3003

42.6014, 0.2818,
0.2713

66.3705, 0.3113,
0.3262

33.1847, 0.2643,
0.2395

80.8617, 0.3231,
0.3490

25.3129, 0.2452,
0.2057

96.8481, 0.3334,
0.3685

18.9028, 0.2252,
0.1712

97.6860, 0.3364,
0.3681

13.8640, 0.2055,
0.1381

■ 10.0955, 0.1872,
0.1088

■ 7.4825, 0.1718,
0.0856

■ 5.8888, 0.1605,
0.0700

■ 5.1315, 0.1541,
0.0622

Harmonies

Analogous

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



53.6372, 0.2850, 0.3019



53.6372, 0.2975, 0.3003



53.6372, 0.3144, 0.3060

Triad

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



53.6372, 0.2975, 0.3003



53.6372, 0.3468, 0.3460



53.6372, 0.2942, 0.3409

Complementary

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



53.6372, 0.2975, 0.3003



66.3640, 0.3270, 0.3565

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.



53.6372, 0.3103, 0.3537



53.6372, 0.2975, 0.3003



53.6372, 0.3409, 0.3563

Square

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



53.6372, 0.2975, 0.3003



53.6372, 0.3432, 0.3318



53.6372, 0.3275, 0.3593



53.6372, 0.2831, 0.3249

Rectangle

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



53.6372, 0.2975, 0.3003



53.6372, 0.3259, 0.3131



53.6372, 0.3275, 0.3593



53.6372, 0.2992, 0.3458

Sweetspot

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



53.6395, 0.2975, 0.3003



93.9655, 0.3088, 0.3216



63.1700, 0.2956, 0.3257



19.7759, 0.3077, 0.3196



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.



53.6395, 0.2975, 0.3003



75.5400, 0.2946, 0.2948



55.2683, 0.3067, 0.3011



12.0812, 0.3000, 0.3050



3.0942, 0.1548, 0.0627



0.2114, 0.1668, 0.0692

Inverse Universe

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



56.4706, 0.3162, 0.3050



80.3830, 0.3169, 0.3007



64.6683, 0.3181, 0.3573



12.6052, 0.3156, 0.3088



10.8377, 0.3544, 0.1726



0.6612, 0.3478, 0.1690

Previews

White Background



This preview shows how the Yxy color 53.6372, 0.2975, 0.3003 looks on a white background.

Color Contrast Check

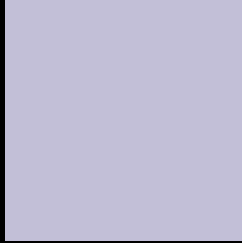
Large Text (above 18pt) WCAG AA × Fail

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 53.6372, 0.2975, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

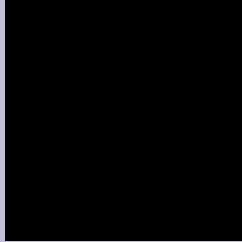
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

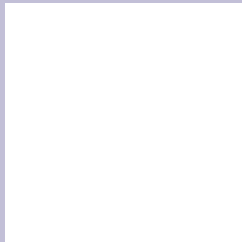
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6372, 0.2975, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 53.6372, 0.2975, 0.3003.



This preview shows how white text looks on a background with the Yxy color 53.6372, 0.2975, 0.3003.

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

53.6372, 0.2975, 0.3003

Protanopia

53.6043, 0.2938, 0.3001

Deuteranopia

53.4809, 0.3030, 0.2961



Tritanopia

53.5417, 0.3025, 0.3108

Trichromacy



Original Color

53.6372, 0.2975, 0.3003

Protanomaly

53.7335, 0.2945, 0.3002

Deuteranomaly

53.4952, 0.3007, 0.2971

Tritanomaly

53.6899, 0.3003, 0.3073

Monochromacy



Original Color

53.6372, 0.2975, 0.3003

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4499, 0.3076, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6372, 0.2975, 0.3003 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(194, 191, 215)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 215)  
}
```

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(194, 191, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 215) }
```

Border

The CSS property to change the border of an element to Yxy 53.6372, 0.2975, 0.3003 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(194, 191, 215) }
```

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

```
.border{ border-color:rgb(194, 191, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 215);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6372, 0.2975, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 215) }
```

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

```
.background{ background-color: rgb(194,  
191, 215) }
```

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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