

Converting Colors

Yxy(53.4044, 0.3062, 0.3015)

Have a look what the booklet for
Yxy(53.4044, 0.3062, 0.3015)
contains.

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Color

Yxy(53.2765, 0.3060, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	CABCD4
RGB	202, 188, 212
RGB Percent	79%, 74%, 83%
CMY	0.2077, 0.2628, 0.1686
CMYK	0.05, 0.11, 0.00, 0.17
HSL	275°, 22%, 78%
HSV	275°, 11%, 83%
XYZ	54.2336, 53.2765, 69.7238
YIQ	194.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

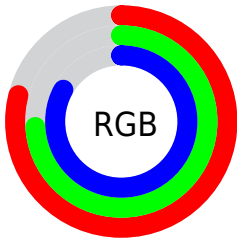
Format	Color
R_{YB}	202, 188, 212
Decimal	13286612
CIE _{Lab}	78.04, 9.38, -10.25
CIE _{LCh}	78, 13.893, 312.444
Yxy	53.2765, 0.3060, 0.3006
Android (android.graphics.Color)	4291476692 (0xFFCABCD4)
YUV	194.9220, 8.4195, 6.2074
Hunter-Lab	72.9908, 4.8952, -5.5427

Details

The Yxy color **53.2765, 0.3060, 0.3006** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7281, 0.3188, 0.3577**, and the grayscale version is **54.4774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **26.0582, 0.3046, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **43.6828, 0.2990, 0.2737**, and if you desaturate by 10%, it is **64.2755, 0.3120, 0.3258**.

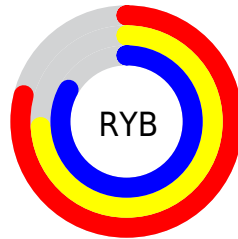
Distribution



Red (79%)

Green (74%)

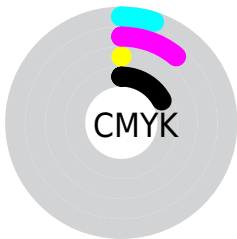
Blue (83%)



Red (79%)

Yellow (74%)

Blue (83%)

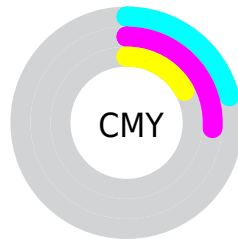


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (21%)

Magenta (26%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2765, 0.3060, 0.3006 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 53.2765, 0.3060, 0.3006 by changing the saturation by 10% instead.

■ 53.2765, 0.3060,
0.3006

■ 53.2765, 0.3060,
0.3006

■ 399.3450, 0.3094,
0.3142

■ 38.0235, 0.3052,
0.2974

■ 95.0111, 0.3072,
0.3054

■ 26.0010, 0.3041,
0.2933

■ 122.2616, 0.3077,
0.3073

■ 16.8244, 0.3026,
0.2880

■ 154.2800, 0.3081,
0.3089

■ 10.1093, 0.3006,
0.2810

■ 191.4507, 0.3084,
0.3102

■ 5.4715, 0.2976,
0.2710

■ 234.1582, 0.3087,
0.3114

■ 2.5265, 0.2928,
0.2558

■ 282.7868, 0.3090,

■ 0.8899, 0.2836,

0.3125

0.2301

337.7210, 0.3092,
0.3134

0.0000, 0.0446,
0.0000

0.0000, 0.0000,
0.0000

53.2765, 0.3060,
0.3006

53.2765, 0.3060,
0.3006

43.6828, 0.2990,
0.2737

64.2755, 0.3120,
0.3258

35.4286, 0.2908,
0.2455

76.7284, 0.3170,
0.3490

28.4530, 0.2816,
0.2168

90.6897, 0.3212,
0.3701

22.6875, 0.2714,
0.1886

94.3234, 0.3265,
0.3726

■ 18.0570, 0.2606,
0.1622

■ 95.8785, 0.3323,
0.3718

■ 14.4780, 0.2493,
0.1390

■ 97.5091, 0.3381,
0.3711

■ 11.8547, 0.2382,
0.1201

■ 97.5344, 0.3381,
0.3710

■ 10.0730, 0.2276,
0.1063

■ 9.0376, 0.2190,
0.0980

Harmonies

Analogous

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



53.2765, 0.2894, 0.2979



53.2765, 0.3060, 0.3006



53.2765, 0.3249, 0.3103

Triad

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



53.2765, 0.3060, 0.3006



53.2765, 0.3472, 0.3542



53.2765, 0.2853, 0.3324

Complementary

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



53.2765, 0.3060, 0.3006



62.7281, 0.3188, 0.3577

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.



53.2765, 0.3001, 0.3488



53.2765, 0.3060, 0.3006



53.2765, 0.3359, 0.3614

Square

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



53.2765, 0.3060, 0.3006



53.2765, 0.3490, 0.3407



53.2765, 0.3186, 0.3596



53.2765, 0.2777, 0.3156

Rectangle

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



53.2765, 0.3060, 0.3006



53.2765, 0.3361, 0.3196



53.2765, 0.3186, 0.3596



53.2765, 0.2895, 0.3382

Sweetspot

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



53.2788, 0.3060, 0.3006



94.6183, 0.3110, 0.3216



55.8336, 0.2952, 0.3120



19.9517, 0.3106, 0.3197



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.



53.2788, 0.3060, 0.3006



76.5956, 0.3041, 0.2932



54.6159, 0.3155, 0.3036



12.3638, 0.3072, 0.3056



5.6383, 0.2203, 0.0987



0.3881, 0.2374, 0.1081

Inverse Universe

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



54.0377, 0.3249, 0.3173



78.0274, 0.3284, 0.3143



61.5037, 0.3100, 0.3558



12.5055, 0.3227, 0.3194



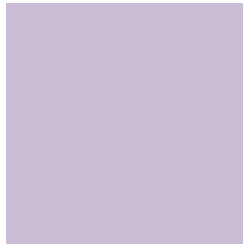
9.0954, 0.5302, 0.2694



0.5649, 0.4855, 0.2448

Previews

White Background



This preview shows how the Yxy color 53.2765, 0.3060, 0.3006 looks on a white background.

Color Contrast Check

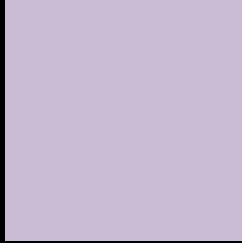
Large Text (above 18pt) WCAG AA × Fail

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 53.2765, 0.3060, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

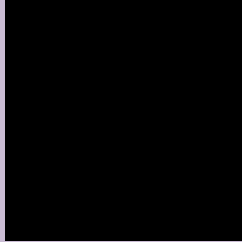
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2765, 0.3060, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 53.2765, 0.3060, 0.3006.



This preview shows how white text looks on a background with the Yxy color 53.2765, 0.3060, 0.3006.

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

53.2765, 0.3060, 0.3006

Protanopia

53.5015, 0.2952, 0.3024

Deuteranopia

53.4164, 0.3068, 0.3007



Tritanopia

53.1723, 0.3111, 0.3111

Trichromacy



Original Color

53.2765, 0.3060, 0.3006

Protanomaly

53.5350, 0.2989, 0.3026

Deuteranomaly

53.4164, 0.3068, 0.3007

Tritanomaly

53.3177, 0.3089, 0.3075

Monochromacy



Original Color

53.2765, 0.3060, 0.3006

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9221, 0.3108, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2765, 0.3060, 0.3006 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(202, 188, 212)` looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 212)  
}
```

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(202, 188, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 212) }
```

Border

The CSS property to change the border of an element to Yxy 53.2765, 0.3060, 0.3006 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(202, 188, 212) }
```

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

```
.border{ border-color:rgb(202, 188, 212) }
```

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

Here you see how a box with a 4 pixel rgb(202, 188, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 188, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 188, 212);  
box-shadow:4px 4px 4px 4px rgb(202, 188,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2765, 0.3060, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 188, 212) }
```

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

```
.background{ background-color: rgb(202,  
188, 212) }
```

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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