

Converting Colors

$Yxy(53.4672, 0.3026, 0.3073)$

Have a look what the booklet for
Yxy(53.4672, 0.3026, 0.3073)
contains.

Yxy(53.4672, 0.3026, 0.3073)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.4672, 0.3026, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	C3BFD1
RGB	195, 191, 209
RGB Percent	76%, 75%, 82%
CMY	0.2352, 0.2510, 0.1803
CMYK	0.07, 0.09, 0.00, 0.18
HSL	253°, 16%, 78%
HSV	253°, 9%, 82%
XYZ	52.6494, 53.4672, 67.8736
YIQ	194.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

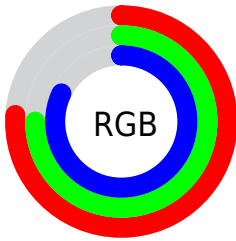
Format	Color
R _Y B	195, 191, 209
Decimal	12828625
CIE Lab	78.15, 4.82, -8.52
CIE LCh	78, 9.787, 299.472
Yxy	53.4672, 0.3026, 0.3073
Android (android.graphics.Color)	4291018705 (0xFFC3BFD1)
YUV	194.2480, 7.2727, 0.6595
Hunter-Lab	73.1213, 0.5630, -3.8501

Details

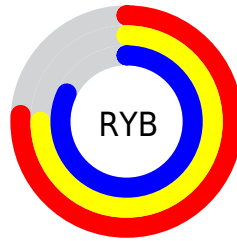
The Yxy color $53.4672, 0.3026, 0.3073$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.3460, 0.3223, 0.3502$, and the grayscale version is $54.0637, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.4370, 0.3112, 0.3213$, and $26.2062, 0.2991, 0.3016$ is the 20% darker color. If you saturate the color by 10%, you get $42.9477, 0.2892, 0.2795$, and if you desaturate by 10%, it is $65.5273, 0.3142, 0.3323$.

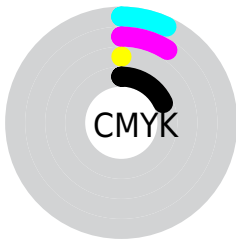
Distribution



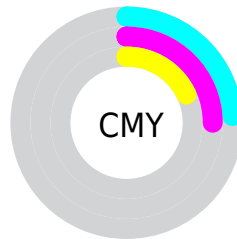
- Red (76%)
- Green (75%)
- Blue (82%)



- Red (76%)
- Yellow (75%)
- Blue (82%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4672, 0.3026, 0.3073 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 53.4672, 0.3026, 0.3073 by changing the saturation by 10% instead.

■ 53.4672, 0.3026,
0.3073

■ 53.4672, 0.3026,
0.3073

400.0750, 0.3076,
0.3178

■ 38.1759, 0.3014,
0.3048

■ 95.2915, 0.3044,
0.3110

■ 26.1192, 0.2998,
0.3016

122.5932, 0.3051,
0.3125

■ 16.9128, 0.2978,
0.2975

154.6673, 0.3056,
0.3137

■ 10.1724, 0.2950,
0.2919

191.8979, 0.3061,
0.3147

■ 5.5134, 0.2909,
0.2840

234.6696, 0.3066,
0.3156

■ 2.5515, 0.2845,
0.2717

283.3668, 0.3069,

■ 0.9024, 0.2727,

0.3164

0.2505

338.3738, 0.3073,
0.3172

0.0000, 0.0000,
0.0000

53.4672, 0.3026,
0.3073

53.4672, 0.3026,
0.3073

42.9477, 0.2892,
0.2795

65.5273, 0.3142,
0.3323

33.8997, 0.2741,
0.2491

79.1798, 0.3242,
0.3544

26.2589, 0.2573,
0.2167

94.4827, 0.3327,
0.3739

19.9534, 0.2392,
0.1834

97.3840, 0.3400,
0.3740

14.9051, 0.2207,
0.1509

■ 11.0275, 0.2026,
0.1213

■ 8.2228, 0.1862,
0.0966

■ 6.3769, 0.1726,
0.0785

■ 5.3171, 0.1625,
0.0675

Harmonies

Analogous

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



53.4672, 0.2925, 0.3079



53.4672, 0.3026, 0.3073



53.4672, 0.3156, 0.3122

Triad

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



53.4672, 0.3026, 0.3073



53.4672, 0.3383, 0.3432



53.4672, 0.2974, 0.3367

Complementary

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



53.4672, 0.3026, 0.3073



62.3460, 0.3223, 0.3502

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.



53.4672, 0.3094, 0.3467



53.4672, 0.3026, 0.3073



53.4672, 0.3332, 0.3503

Square

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



53.4672, 0.3026, 0.3073



53.4672, 0.3365, 0.3326



53.4672, 0.3225, 0.3517



53.4672, 0.2895, 0.3246

Rectangle

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



53.4672, 0.3026, 0.3073



53.4672, 0.3242, 0.3180



53.4672, 0.3225, 0.3517



53.4672, 0.3011, 0.3404

Sweetspot

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



53.4695, 0.3026, 0.3073



94.1061, 0.3093, 0.3216



59.3948, 0.2995, 0.3243



19.8136, 0.3084, 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.



53.4695, 0.3026, 0.3073



81.2305, 0.3007, 0.3033



54.6892, 0.3096, 0.3078



11.5431, 0.3016, 0.3052



3.2422, 0.1624, 0.0668



0.2175, 0.1809, 0.0770

Inverse Universe

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



55.2252, 0.3167, 0.3127



84.4345, 0.3175, 0.3097



61.1176, 0.3155, 0.3506



11.9620, 0.3171, 0.3111



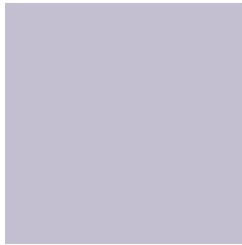
9.9893, 0.3864, 0.1902



0.5699, 0.3720, 0.1823

Previews

White Background



This preview shows how the Yxy color 53.4672, 0.3026, 0.3073 looks on a white background.

Color Contrast Check

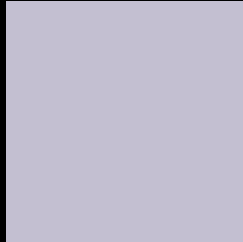
Large Text (above 18pt) WCAG AA × Fail

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 53.4672, 0.3026, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

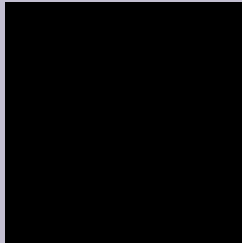
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

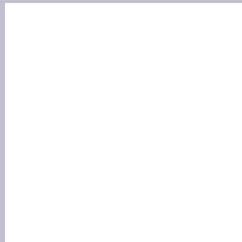
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4672, 0.3026, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 53.4672, 0.3026, 0.3073.

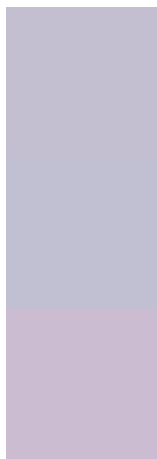


This preview shows how white text looks on a background with the Yxy color 53.4672, 0.3026, 0.3073.

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

53.4672, 0.3026, 0.3073

Protanopia

53.5589, 0.2995, 0.3072

Deuteranopia

53.4570, 0.3091, 0.3031



Tritanopia

53.3687, 0.3040, 0.3097

Trichromacy



Original Color

53.4672, 0.3026, 0.3073

Protanomaly

53.6899, 0.3003, 0.3073

Deuteranomaly

53.4658, 0.3066, 0.3041

Tritanomaly

53.4178, 0.3033, 0.3085

Monochromacy



Original Color

53.4672, 0.3026, 0.3073

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7328, 0.3091, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4672, 0.3026, 0.3073 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, 191, 209)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 209)  
}
```

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, 191, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 209) }
```

Border

The CSS property to change the border of an element to Yxy 53.4672, 0.3026, 0.3073 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, 191, 209) }
```

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

```
.border{ border-color:rgb(195, 191, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 191, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 191, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 191, 209); box-shadow:4px 4px 4px 4px rgb(195, 191, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4672, 0.3026, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 209) }
```

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

```
.background{ background-color: rgb(195,  
191, 209) }
```

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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