

Converting Colors

$Y_{xy}(52.1208, 0.3144, 0.3082)$

Have a look what the booklet for
Yxy(52.1208, 0.3144, 0.3082)
contains.

Yxy(52.2670, 0.3145, 0.3087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.2670, 0.3145, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	CCBACB
RGB	204, 186, 203
RGB Percent	80%, 73%, 80%
CMY	0.1999, 0.2706, 0.2038
CMYK	0.00, 0.09, 0.00, 0.20
HSL	303°, 15%, 76%
HSV	303°, 9%, 80%
XYZ	53.2490, 52.2670, 63.7972
YIQ	193.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

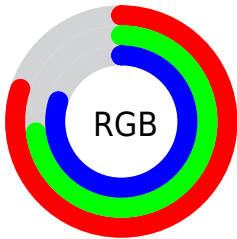
Format	Color
R_{YB}	204, 186, 203
Decimal	13417163
CIE _{Lab}	77.44, 9.43, -6.25
CIE _{LCh}	77, 11.313, 326.444
Yxy	52.2670, 0.3145, 0.3087
Android (android.graphics.Color)	4291607243 (0xFFCCBACB)
YUV	193.3200, 4.7722, 9.3664
Hunter-Lab	72.2959, 4.9550, -1.7131

Details

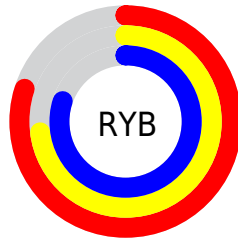
The Yxy color $52.2670, 0.3145, 0.3087$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.2272, 0.3110, 0.3502$, and the grayscale version is $53.4995, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $25.4290, 0.3150, 0.3036$ is the 20% darker color. If you saturate the color by 10%, you get $44.2239, 0.3167, 0.2851$, and if you desaturate by 10%, it is $61.5425, 0.3125, 0.3316$.

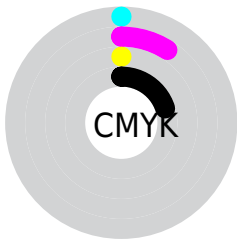
Distribution



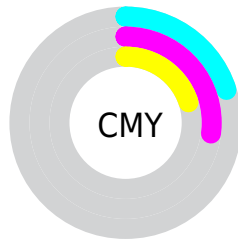
- Red (80%)
- Green (73%)
- Blue (80%)



- Red (80%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2670, 0.3145, 0.3087 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 52.2670, 0.3145, 0.3087 by changing the saturation by 10% instead.

■ 52.2670, 0.3145,
0.3087

■ 52.2670, 0.3145,
0.3087

395.4665, 0.3137,
0.3185

■ 37.2179, 0.3147,
0.3063

■ 93.5249, 0.3142,
0.3122

■ 25.3763, 0.3149,
0.3034

120.5025, 0.3141,
0.3135

■ 16.3576, 0.3152,
0.2995

152.2251, 0.3140,
0.3147

■ 9.7776, 0.3155,
0.2943

189.0771, 0.3139,
0.3156

■ 5.2517, 0.3159,
0.2868

231.4428, 0.3139,
0.3165

■ 2.3957, 0.3164,
0.2753

279.7067, 0.3138,

■ 0.8237, 0.3171,

0.3173

0.2549

334.2531, 0.3137,
0.3179

0.0000, 0.0000,
0.0000

52.2670, 0.3145,
0.3087

52.2670, 0.3145,
0.3087

44.2239, 0.3167,
0.2851

61.5425, 0.3125,
0.3316

37.3545, 0.3191,
0.2615

72.0922, 0.3107,
0.3534

31.6059, 0.3216,
0.2386

83.9646, 0.3091,
0.3738

26.9179, 0.3241,
0.2173

88.8955, 0.3081,
0.3804

23.2252, 0.3267,
0.1987

88.9517, 0.3075,
0.3792

■ 20.4549, 0.3292,
0.1834

■ 89.0082, 0.3069,
0.3779

■ 18.5245, 0.3314,
0.1723

■ 89.0651, 0.3063,
0.3766

■ 17.3367, 0.3335,
0.1655

■ 89.1225, 0.3056,
0.3753

■ 16.7335, 0.3353,
0.1625

■ 89.1802, 0.3050,
0.3741

Harmonies

Analogous

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



52.2670, 0.2995, 0.3036



52.2670, 0.3145, 0.3087



52.2670, 0.3293, 0.3189

Triad

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



52.2670, 0.3145, 0.3087



52.2670, 0.3375, 0.3532



52.2670, 0.2864, 0.3252

Complementary

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



52.2670, 0.3145, 0.3087



57.2272, 0.3110, 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.



52.2670, 0.2961, 0.3393



52.2670, 0.3145, 0.3087



52.2670, 0.3256, 0.3557

Square

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



52.2670, 0.3145, 0.3087



52.2670, 0.3428, 0.3443



52.2670, 0.3104, 0.3506



52.2670, 0.2836, 0.3127

Rectangle

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



52.2670, 0.3145, 0.3087



52.2670, 0.3370, 0.3274



52.2670, 0.3104, 0.3506



52.2670, 0.2889, 0.3299

Sweetspot

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



52.2693, 0.3145, 0.3087



95.1883, 0.3133, 0.3221



50.0268, 0.2998, 0.3066



20.1059, 0.3135, 0.3202



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.



52.2693, 0.3145, 0.3087



83.2904, 0.3150, 0.3033



51.8562, 0.3215, 0.3192



11.3925, 0.3146, 0.3074



10.4972, 0.3353, 0.1621



0.5449, 0.3322, 0.1604

Inverse Universe

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



52.2693, 0.3145, 0.3087



83.2904, 0.3150, 0.3033



57.6210, 0.3047, 0.3390



11.3925, 0.3146, 0.3074



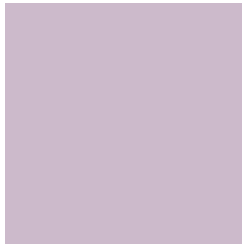
10.4972, 0.3353, 0.1621



0.5449, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 52.2670, 0.3145, 0.3087 looks on a white background.

Color Contrast Check

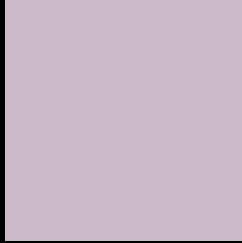
Large Text (above 18pt) WCAG AA × Fail

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 52.2670, 0.3145, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

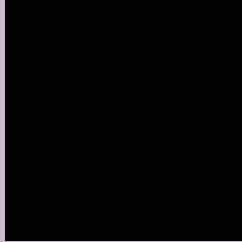
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2670, 0.3145, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 52.2670, 0.3145, 0.3087.

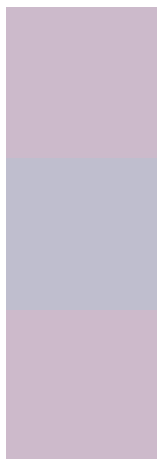


This preview shows how white text looks on a background with the Yxy color 52.2670, 0.3145, 0.3087.

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

52.2670, 0.3145, 0.3087

Protanopia

52.3595, 0.3016, 0.3094

Deuteranopia

52.4087, 0.3153, 0.3088



Tritanopia

52.1722, 0.3160, 0.3111

Trichromacy



Original Color

52.2670, 0.3145, 0.3087

Protanomaly

52.5387, 0.3064, 0.3096

Deuteranomaly

52.4087, 0.3153, 0.3088

Tritanomaly

52.2194, 0.3153, 0.3099

Monochromacy



Original Color

52.2670, 0.3145, 0.3087

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7284, 0.3131, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2670, 0.3145, 0.3087 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(204, 186, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 203)  
}
```

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(204, 186, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 203) }
```

Border

The CSS property to change the border of an element to Yxy 52.2670, 0.3145, 0.3087 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(204, 186, 203) }
```

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

```
.border{ border-color:rgb(204, 186, 203) }
```

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

Here you see how a box with a 4 pixel rgb(204, 186, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2670, 0.3145, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 203) }
```

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

```
.background{ background-color: rgb(204,  
186, 203) }
```

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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