

Converting Colors

Yxy(52.9581, 0.3346, 0.3260)

Have a look what the booklet for
Yxy(52.9581, 0.3346, 0.3260)
contains.

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Color

Yxy(53.0448, 0.3349, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D6BABC
RGB	214, 186, 188
RGB Percent	84%, 73%, 74%
CMY	0.1606, 0.2706, 0.2628
CMYK	0.00, 0.13, 0.12, 0.16
HSL	356°, 26%, 78%
HSV	356°, 13%, 84%
XYZ	54.3762, 53.0448, 54.9445
YIQ	194.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

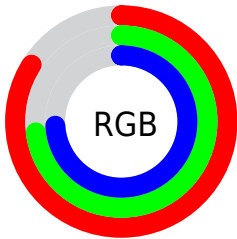
Format	Color
R _Y B	214, 186, 188
Decimal	14072508
CIE Lab	77.90, 10.33, 2.67
CIE LCh	78, 10.668, 14.503
Yxy	53.0448, 0.3349, 0.3267
Android (android.graphics.Color)	4292262588 (0xFFD6BABC)
YUV	194.6000, -3.2538, 17.0138
Hunter-Lab	72.8319, 5.8122, 6.2538

Details

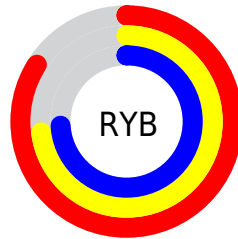
The Yxy color $53.0448, 0.3349, 0.3267$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.3091, 0.2941, 0.3313$, and the grayscale version is $54.3389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.2959, 0.3200, 0.3271$, and $25.8953, 0.3406, 0.3259$ is the 20% darker color. If you saturate the color by 10%, you get $43.8955, 0.3567, 0.3248$, and if you desaturate by 10%, it is $63.6678, 0.3174, 0.3285$.

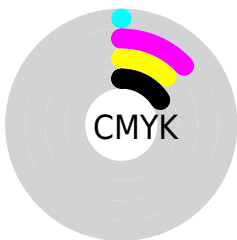
Distribution



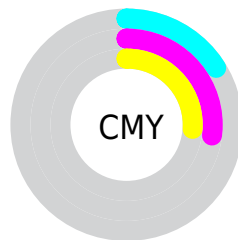
- Red (84%)
- Green (73%)
- Blue (74%)



- Red (84%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (13%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0448, 0.3349, 0.3267 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 53.0448, 0.3349, 0.3267 by changing the saturation by 10% instead.

 53.0448, 0.3349,
0.3267

 53.0448, 0.3349,
0.3267


398.4570, 0.3240,
0.3279

 37.8385, 0.3376,
0.3264


 94.6703, 0.3310,
0.3271

 25.8574, 0.3410,
0.3260


121.8583, 0.3295,
0.3273

 16.7170, 0.3454,
0.3254


153.8090, 0.3282,
0.3275

 10.0329, 0.3515,
0.3246

190.9068, 0.3272,
0.3276

 5.4208, 0.3605,
0.3234

233.5361, 0.3262,
0.3277

 2.4962, 0.3748,
0.3213

282.0813, 0.3254,

 0.8747, 0.4030,

0.3278

0.3183

336.9268, 0.3247,
0.3278

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0448, 0.3349,
0.3267

53.0448, 0.3349,
0.3267

43.8955, 0.3567,
0.3248

63.6678, 0.3174,
0.3285

36.1480, 0.3838,
0.3229

75.8179, 0.3034,
0.3301

29.7353, 0.4169,
0.3212

89.5548, 0.2921,
0.3316

24.5819, 0.4562,
0.3198

93.0428, 0.2883,
0.3289

■ 20.6049, 0.5006,
0.3191

■ 17.7115, 0.5468,
0.3196

■ 15.7947, 0.5888,
0.3214

■ 14.7262, 0.6200,
0.3245

■ 14.3381, 0.6335,
0.3264

Harmonies

Analogous

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



53.0448, 0.3230, 0.3152



53.0448, 0.3349, 0.3267



53.0448, 0.3407, 0.3390

Triad

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



53.0448, 0.3349, 0.3267



53.0448, 0.3163, 0.3520



53.0448, 0.2872, 0.3086

Complementary

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



53.0448, 0.3349, 0.3267



63.3091, 0.2941, 0.3313

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.



53.0448, 0.2855, 0.3180



53.0448, 0.3349, 0.3267



53.0448, 0.3021, 0.3434

Square

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



53.0448, 0.3349, 0.3267



53.0448, 0.3298, 0.3540



53.0448, 0.2909, 0.3308



53.0448, 0.2955, 0.3049

Rectangle

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



53.0448, 0.3349, 0.3267



53.0448, 0.3403, 0.3461



53.0448, 0.2909, 0.3308



53.0448, 0.2858, 0.3112

Sweetspot

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



53.0472, 0.3349, 0.3267



93.0687, 0.3189, 0.3283



53.9246, 0.3123, 0.2967



19.6504, 0.3201, 0.3282



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.



53.0472, 0.3349, 0.3267



74.4700, 0.3411, 0.3261



58.0895, 0.3347, 0.3427



12.4350, 0.3280, 0.3274



8.6681, 0.6318, 0.3254



0.5280, 0.6074, 0.3120

Inverse Universe

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



53.0472, 0.3349, 0.3267



74.4700, 0.3411, 0.3261



57.7032, 0.2925, 0.3149



12.4350, 0.3280, 0.3274



8.6681, 0.6318, 0.3254



0.5280, 0.6074, 0.3120

Previews

White Background



This preview shows how the Yxy color 53.0448, 0.3349, 0.3267 looks on a white background.

Color Contrast Check

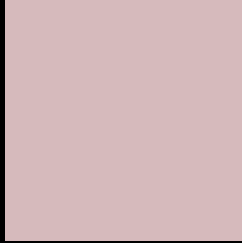
Large Text (above 18pt) WCAG AA × Fail

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 53.0448, 0.3349, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

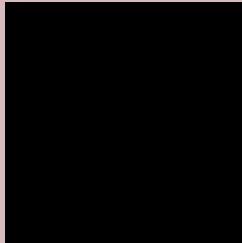
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0448, 0.3349, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 53.0448, 0.3349, 0.3267.



This preview shows how white text looks on a background with the Yxy color 53.0448, 0.3349, 0.3267.

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

53.0448, 0.3349, 0.3267

Protanopia

53.1966, 0.3167, 0.3302

Deuteranopia

52.8948, 0.3340, 0.3267



Tritanopia

52.8516, 0.3270, 0.3116

Trichromacy



Original Color

53.0448, 0.3349, 0.3267

Protanomaly

53.2411, 0.3234, 0.3290

Deuteranomaly

52.8948, 0.3340, 0.3267

Tritanomaly

53.0851, 0.3301, 0.3174

Monochromacy



Original Color

53.0448, 0.3349, 0.3267

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.0616, 0.3209, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0448, 0.3349, 0.3267 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(214, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 188)  
}
```

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(214, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.0448, 0.3349, 0.3267 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(214, 186, 188) }
```

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

```
.border{ border-color:rgb(214, 186, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0448, 0.3349, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 188) }
```

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

```
.background{ background-color: rgb(214,  
186, 188) }
```

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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