

Converting Colors

$Yxy(50.3135, 0.3287, 0.3340)$

Have a look what the booklet for
Yxy(50.3135, 0.3287, 0.3340)
contains.

Yxy(50.3135, 0.3287, 0.3340)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.3135, 0.3287, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9B5
RGB	200, 185, 181
RGB Percent	78%, 73%, 71%
CMY	0.2155, 0.2745, 0.2902
CMYK	0.00, 0.08, 0.10, 0.22
HSL	13°, 15%, 75%
HSV	13°, 10%, 78%
XYZ	49.5151, 50.3135, 50.8106
YIQ	189.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

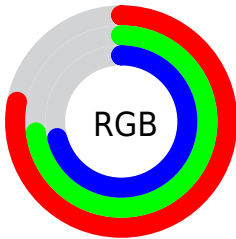
Format	Color
R _Y B	200, 186, 181
Decimal	13154741
CIE Lab	76.26, 4.64, 3.94
CIE LCh	76, 6.088, 40.345
Yxy	50.3135, 0.3287, 0.3340
Android (android.graphics.Color)	4291344821 (0xFFC8B9B5)
YUV	189.0290, -3.9583, 9.6216
Hunter-Lab	70.9320, 0.4735, 7.1813

Details

The Yxy color **50.3135, 0.3287, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4884, 0.2982, 0.3239**, and the grayscale version is **50.9282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2850, 0.3244, 0.3329**, and **24.1720, 0.3334, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **43.3065, 0.3489, 0.3396**, and if you desaturate by 10%, it is **58.1772, 0.3120, 0.3288**.

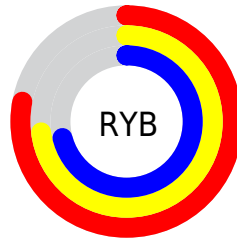
Distribution



Red (78%)

Green (73%)

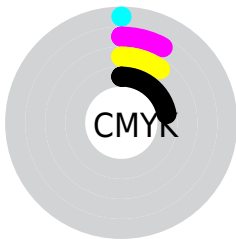
Blue (71%)



Red (78%)

Yellow (73%)

Blue (71%)

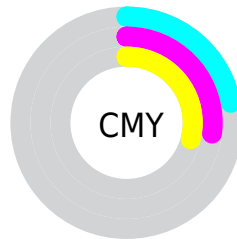


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3135, 0.3287, 0.3340 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 50.3135, 0.3287, 0.3340 by changing the saturation by 10% instead.


 50.3135, 0.3287,
0.3340

 50.3135, 0.3287,
0.3340


387.8907, 0.3208,
0.3316

 35.6626, 0.3307,
0.3346


 90.6392, 0.3258,
0.3331

 24.1737, 0.3332,
0.3353


117.0827, 0.3248,
0.3328

 15.4625, 0.3365,
0.3363


148.2260, 0.3238,
0.3325

 9.1446, 0.3411,
0.3375

184.4532, 0.3231,
0.3323

 4.8356, 0.3479,
0.3394

226.1489, 0.3224,
0.3321

 2.1512, 0.3589,
0.3422

273.6975, 0.3218,

 0.6932, 0.3971,

0.3319

0.3565

327.4832, 0.3213,
0.3317

0.0000, 0.0000,
0.0000

50.3135, 0.3287,
0.3340

50.3135, 0.3287,
0.3340

43.3065, 0.3489,
0.3396

58.1772, 0.3120,
0.3288

37.1207, 0.3731,
0.3454

66.9185, 0.2981,
0.3239

31.7276, 0.4020,
0.3512

76.5658, 0.2866,
0.3195

27.0950, 0.4357,
0.3565

86.7516, 0.2800,
0.3217

23.1880, 0.4738,
0.3606

91.0246, 0.2805,
0.3289

■ 19.9692, 0.5146,
0.3625

■ 17.3975, 0.5547,
0.3613

■ 15.4273, 0.5894,
0.3565

■ 14.0014, 0.6154,
0.3490

Harmonies

Analogous

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



50.3135, 0.3248, 0.3267



50.3135, 0.3287, 0.3340



50.3135, 0.3283, 0.3401

Triad

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



50.3135, 0.3287, 0.3340



50.3135, 0.3077, 0.3382



50.3135, 0.3019, 0.3150

Complementary

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



50.3135, 0.3287, 0.3340



53.4884, 0.2982, 0.3239

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.



50.3135, 0.2974, 0.3178



50.3135, 0.3287, 0.3340



50.3135, 0.3008, 0.3312

Square

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



50.3135, 0.3287, 0.3340



50.3135, 0.3161, 0.3426



50.3135, 0.2970, 0.3237



50.3135, 0.3092, 0.3159

Rectangle

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



50.3135, 0.3287, 0.3340



50.3135, 0.3256, 0.3426



50.3135, 0.2970, 0.3237



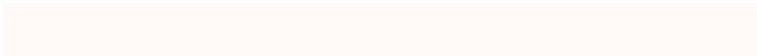
50.3135, 0.3000, 0.3155

Sweetspot

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



50.3157, 0.3287, 0.3340



95.7229, 0.3175, 0.3306



49.3233, 0.3168, 0.3104



20.2490, 0.3188, 0.3310



0.0000, 0.0000, 0.0000



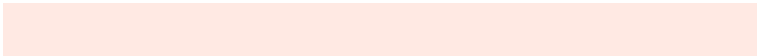
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.3157, 0.3287, 0.3340



84.9955, 0.3317, 0.3349



54.3478, 0.3275, 0.3454



10.9924, 0.3284, 0.3339



8.9701, 0.6143, 0.3504



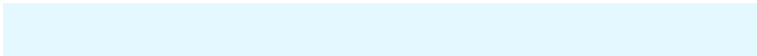
0.5327, 0.5737, 0.3827

Inverse Universe

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



53.4884, 0.2982, 0.3239



91.3567, 0.2957, 0.3230



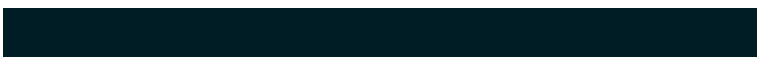
49.4089, 0.2981, 0.3121



11.6742, 0.2984, 0.3240



18.3204, 0.2057, 0.2606



0.9652, 0.2101, 0.2764

Previews

White Background



This preview shows how the Yxy color 50.3135, 0.3287, 0.3340 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 50.3135, 0.3287, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

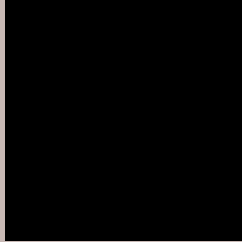
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

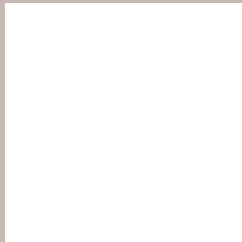
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3135, 0.3287, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 50.3135, 0.3287, 0.3340.



This preview shows how white text looks on a background with the Yxy color 50.3135, 0.3287, 0.3340.

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

50.3135, 0.3287, 0.3340

Protanopia

50.2555, 0.3216, 0.3353

Deuteranopia

50.3886, 0.3361, 0.3291



Tritanopia

50.4547, 0.3177, 0.3121

Trichromacy



Original Color

50.3135, 0.3287, 0.3340

Protanomaly

50.2310, 0.3243, 0.3340

Deuteranomaly

50.3662, 0.3333, 0.3303

Tritanomaly

50.4601, 0.3216, 0.3205

Monochromacy



Original Color

50.3135, 0.3287, 0.3340

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8491, 0.3184, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3135, 0.3287, 0.3340 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(200, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 181)  
}
```

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(200, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.3135, 0.3287, 0.3340 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(200, 185, 181) }
```

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

```
.border{ border-color:rgb(200, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3135, 0.3287, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 181) }
```

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

```
.background{ background-color: rgb(200,  
185, 181) }
```

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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