

Converting Colors

Yxy(50.0826, 0.3136, 0.3300)

Have a look what the booklet for
Yxy(50.0826, 0.3136, 0.3300)
contains.

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Color

Yxy(50.2457, 0.3135, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	BCBCBB
RGB	188, 188, 187
RGB Percent	74%, 74%, 73%
CMY	0.2627, 0.2627, 0.2668
CMYK	0.00, 0.00, 0.01, 0.26
HSL	60°, 1%, 74%
HSV	60°, 1%, 74%
XYZ	47.6901, 50.2457, 54.1856
YIQ	187.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

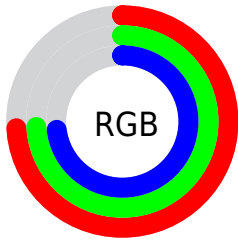
Format	Color
RYB	187, 188, 187
Decimal	12369083
CIELab	76.22, -0.19, 0.51
CIELCh	76, 0.542, 110.075
Yxy	50.2457, 0.3135, 0.3303
Android (android.graphics.Color)	4290559163 (0xFFBCBDBB)
YUV	187.8860, -0.4368, 0.1000
Hunter-Lab	70.8842, -3.9546, 4.2962

Details

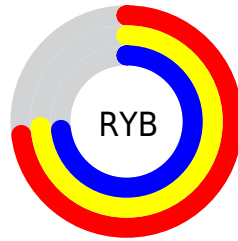
The Yxy color **50.2457, 0.3135, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7253, 0.3119, 0.3277**, and the grayscale version is **50.2242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4055, 0.3133, 0.3300**, and **24.2001, 0.3138, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **49.4833, 0.3281, 0.3546**, and if you desaturate by 10%, it is **51.1178, 0.2995, 0.3071**.

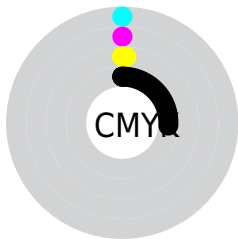
Distribution



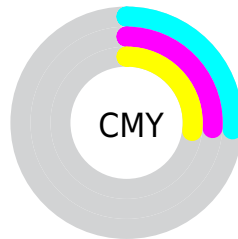
- Red (74%)
- Green (74%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2457, 0.3135, 0.3303 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 50.2457, 0.3135, 0.3303 by changing the saturation by 10% instead.

■ 50.2457, 0.3135,
0.3303

■ 50.2457, 0.3135,
0.3303

387.6260, 0.3131,
0.3297

■ 35.6087, 0.3136,
0.3305

■ 90.5388, 0.3134,
0.3301

■ 24.1321, 0.3137,
0.3307

116.9637, 0.3133,
0.3300

■ 15.4317, 0.3139,
0.3309

148.0866, 0.3133,
0.3299

■ 9.1229, 0.3141,
0.3313

184.2920, 0.3132,
0.3299

■ 4.8214, 0.3144,
0.3318

225.9642, 0.3132,
0.3298

■ 2.1429, 0.3149,
0.3327

273.4877, 0.3132,

■ 0.6886, 0.3166,

0.3297

0.3355

327.2468, 0.3131,
0.3297

0.0000, 0.0000,
0.0000

50.2457, 0.3135,
0.3303

50.2457, 0.3135,
0.3303

49.4833, 0.3281,
0.3546

51.1178, 0.2995,
0.3071

48.8202, 0.3431,
0.3795

52.0971, 0.2864,
0.2853

48.2540, 0.3579,
0.4043

53.1892, 0.2742,
0.2650

47.7803, 0.3722,
0.4280

53.9266, 0.2672,
0.2534

47.3939, 0.3853,
0.4499

53.9380, 0.2673,
0.2534

■ 47.0895, 0.3967,
0.4689

■ 53.9494, 0.2673,
0.2534

■ 46.8608, 0.4058,
0.4843

■ 53.9609, 0.2674,
0.2534

■ 46.7009, 0.4124,
0.4955

■ 53.9723, 0.2674,
0.2535

■ 46.6016, 0.4165,
0.5024

■ 53.9838, 0.2675,
0.2535

Harmonies

Analogous

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



50.2457, 0.3140, 0.3301



50.2457, 0.3135, 0.3303



50.2457, 0.3128, 0.3301

Triad

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



50.2457, 0.3135, 0.3303



50.2457, 0.3113, 0.3284



50.2457, 0.3134, 0.3284

Complementary

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



50.2457, 0.3135, 0.3303



49.7253, 0.3119, 0.3277

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.



50.2457, 0.3127, 0.3279



50.2457, 0.3135, 0.3303



50.2457, 0.3114, 0.3279

Square

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



50.2457, 0.3135, 0.3303



50.2457, 0.3115, 0.3290



50.2457, 0.3120, 0.3277



50.2457, 0.3139, 0.3290

Rectangle

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



50.2457, 0.3135, 0.3303



50.2457, 0.3123, 0.3298



50.2457, 0.3120, 0.3277



50.2457, 0.3132, 0.3282

Sweetspot

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



50.2479, 0.3135, 0.3303



91.1408, 0.3127, 0.3290



49.8106, 0.3136, 0.3290



19.5994, 0.3127, 0.3290



95.5105, 0.3127, 0.3290

Same Dimension

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



50.2479, 0.3135, 0.3303



90.9903, 0.3142, 0.3314



50.1833, 0.3131, 0.3303



11.2633, 0.3141, 0.3312



31.6908, 0.4185, 0.5059



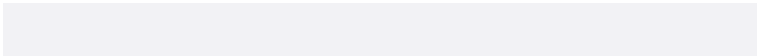
1.2421, 0.4187, 0.5057

Inverse Universe

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



49.7253, 0.3119, 0.3277



89.2360, 0.3113, 0.3266



49.7896, 0.3124, 0.3277



11.0634, 0.3114, 0.3268



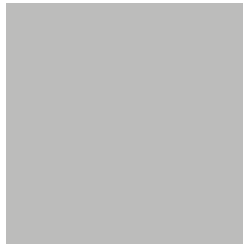
2.4769, 0.1502, 0.0601



0.0978, 0.1509, 0.0605

Previews

White Background



This preview shows how the Yxy color 50.2457, 0.3135, 0.3303 looks on a white background.

Color Contrast Check

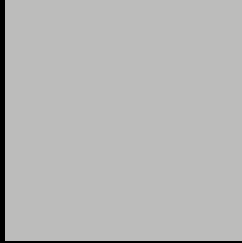
Large Text (above 18pt) WCAG AA × Fail

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 50.2457, 0.3135, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

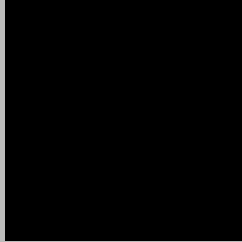
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

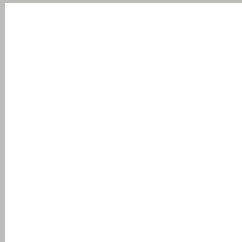
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2457, 0.3135, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 50.2457, 0.3135, 0.3303.



This preview shows how white text looks on a background with the Yxy color 50.2457, 0.3135, 0.3303.

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

50.2457, 0.3135, 0.3303

Protanopia

50.1622, 0.3168, 0.3303

Deuteranopia

50.2085, 0.3285, 0.3218



Tritanopia

50.2820, 0.3046, 0.3104

Trichromacy



Original Color

50.2457, 0.3135, 0.3303

Protanomaly

50.0330, 0.3160, 0.3303

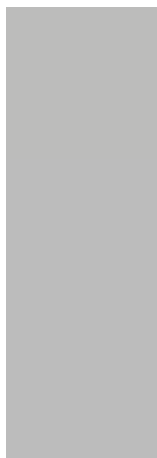
Deuteranomaly

50.0539, 0.3223, 0.3241

Tritanomaly

50.3450, 0.3075, 0.3178

Monochromacy



Original Color

50.2457, 0.3135, 0.3303

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2886, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2457, 0.3135, 0.3303 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(188, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 187)  
}
```

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(188, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 187) }
```

Border

The CSS property to change the border of an element to Yxy 50.2457, 0.3135, 0.3303 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(188, 188, 187) }
```

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

```
.border{ border-color:rgb(188, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
187) }
```

Background

The CSS property to change the background color of an element to Yxy 50.2457, 0.3135, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 187) }
```

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

```
.background{ background-color: rgb(188,  
188, 187) }
```

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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