

Converting Colors

Yxy(50.2334, 0.3143, 0.3353)

Have a look what the booklet for
Yxy(50.2334, 0.3143, 0.3353)
contains.

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Color

Yxy(50.2950, 0.3141, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	BABDB8
RGB	186, 189, 184
RGB Percent	73%, 74%, 72%
CMY	0.2705, 0.2588, 0.2785
CMYK	0.02, 0.00, 0.03, 0.26
HSL	96°, 4%, 73%
HSV	96°, 3%, 74%
XYZ	47.1010, 50.2950, 52.5593
YIQ	187.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

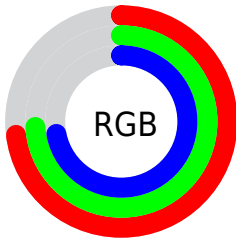
Format	Color
RYB	184, 189, 187
Decimal	12238264
CIELab	76.25, -1.96, 2.16
CIElCh	76, 2.918, 132.169
Yxy	50.2950, 0.3141, 0.3354
Android (android.graphics.Color)	4290428344 (0xFFBABDB8)
YUV	187.5330, -1.7418, -1.3444
Hunter-Lab	70.9190, -5.5571, 5.7024

Details

The Yxy color `50.2950, 0.3141, 0.3354` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `48.5045, 0.3113, 0.3226`, and the grayscale version is `50.0231, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.4733, 0.3138, 0.3340`, and `24.2336, 0.3145, 0.3377` is the 20% darker color. If you saturate the color by 10%, you get `48.2082, 0.3193, 0.3610`, and if you desaturate by 10%, it is `52.6020, 0.3089, 0.3122`.

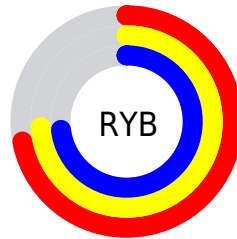
Distribution



Red (73%)

Green (74%)

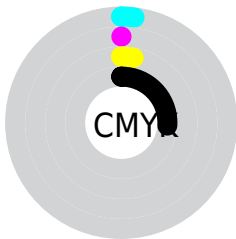
Blue (72%)



Red (72%)

Yellow (74%)

Blue (73%)

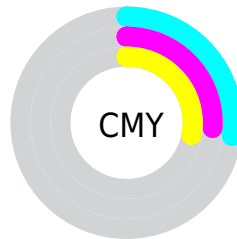


Cyan (2%)

Magenta (0%)

Yellow (3%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2950, 0.3141, 0.3354 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 50.2950, 0.3141, 0.3354 by changing the saturation by 10% instead.

■ 50.2950, 0.3141,
0.3354

■ 50.2950, 0.3141,
0.3354

387.8185, 0.3134,
0.3322

■ 35.6479, 0.3143,
0.3362

■ 90.6118, 0.3139,
0.3343

■ 24.1623, 0.3145,
0.3372

117.0503, 0.3138,
0.3338

■ 15.4541, 0.3147,
0.3385

148.1879, 0.3137,
0.3335

■ 9.1387, 0.3151,
0.3403

184.4092, 0.3136,
0.3331

■ 4.8318, 0.3157,
0.3431

226.0985, 0.3136,
0.3329

■ 2.1489, 0.3165,
0.3475

273.6402, 0.3135,

■ 0.6919, 0.3203,

0.3326

0.3634

327.4187, 0.3135,
0.3324

0.0000, 0.0000,
0.0000

50.2950, 0.3141,
0.3354

50.2950, 0.3141,
0.3354

48.2082, 0.3193,
0.3610

52.6020, 0.3089,
0.3122

46.3285, 0.3243,
0.3889

55.1290, 0.3039,
0.2914

44.6510, 0.3288,
0.4186

57.8844, 0.2990,
0.2729


43.1681, 0.3326,
0.4494

60.5756, 0.2976,
0.2607

41.8720, 0.3352,
0.4802


62.4977, 0.3059,
0.2624


 40.7540, 0.3363,
0.5094

 64.5411, 0.3144,
0.2641

 39.8046, 0.3356,
0.5355

 64.8754, 0.3157,
0.2644

 39.0134, 0.3330,
0.5568

 38.3681, 0.3287,
0.5721

Harmonies

Analogous

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



50.2950, 0.3178, 0.3359



50.2950, 0.3141, 0.3354



50.2950, 0.3101, 0.3332

Triad

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



50.2950, 0.3141, 0.3354



50.2950, 0.3054, 0.3235



50.2950, 0.3187, 0.3282

Complementary

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



50.2950, 0.3141, 0.3354



48.5045, 0.3113, 0.3226

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.



50.2950, 0.3153, 0.3249



50.2950, 0.3141, 0.3354



50.2950, 0.3077, 0.3222

Square

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



50.2950, 0.3141, 0.3354



50.2950, 0.3051, 0.3263



50.2950, 0.3113, 0.3227



50.2950, 0.3204, 0.3317

Rectangle

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



50.2950, 0.3141, 0.3354



50.2950, 0.3078, 0.3310



50.2950, 0.3113, 0.3227



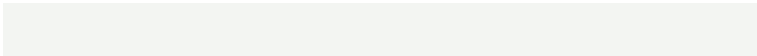
50.2950, 0.3177, 0.3270

Sweetspot

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



50.2972, 0.3141, 0.3354



90.7327, 0.3132, 0.3314



49.7799, 0.3167, 0.3327



19.5162, 0.3132, 0.3313



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



50.2972, 0.3141, 0.3354



89.9287, 0.3143, 0.3364



50.0602, 0.3121, 0.3349



11.0970, 0.3147, 0.3381



25.5914, 0.3258, 0.5795



1.0408, 0.3455, 0.5638

Inverse Universe

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



48.5045, 0.3113, 0.3226



86.2565, 0.3111, 0.3217



48.7462, 0.3133, 0.3232



10.5417, 0.3107, 0.3200



4.8358, 0.2226, 0.1000



0.2267, 0.2461, 0.1130

Previews

White Background



This preview shows how the Yxy color 50.2950, 0.3141, 0.3354 looks on a white background.

Color Contrast Check

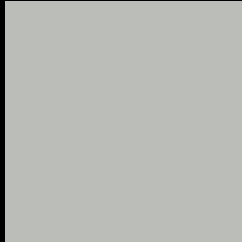
Large Text (above 18pt) WCAG AA × Fail

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 50.2950, 0.3141, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

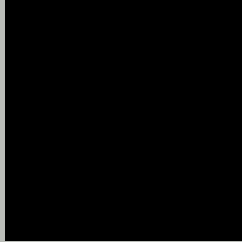
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

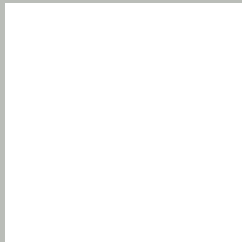
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2950, 0.3141, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 50.2950, 0.3141, 0.3354.



This preview shows how white text looks on a background with the Yxy color 50.2950, 0.3141, 0.3354.

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

50.2950, 0.3141, 0.3354

Protanopia

50.1660, 0.3200, 0.3341

Deuteranopia

50.2241, 0.3319, 0.3254



Tritanopia

50.1537, 0.3038, 0.3104

Trichromacy



Original Color

50.2950, 0.3141, 0.3354

Protanomaly

50.3325, 0.3182, 0.3353

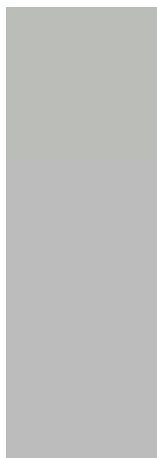
Deuteranomaly

50.3428, 0.3246, 0.3290

Tritanomaly

50.1721, 0.3074, 0.3190

Monochromacy



Original Color

50.2950, 0.3141, 0.3354

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1191, 0.3127, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2950, 0.3141, 0.3354 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(186, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 184)  
}
```

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(186, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 184) }
```

Border

The CSS property to change the border of an element to Yxy 50.2950, 0.3141, 0.3354 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(186, 189, 184) }
```

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

```
.border{ border-color:rgb(186, 189, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 189, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2950, 0.3141, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 184) }
```

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

```
.background{ background-color: rgb(186,  
189, 184) }
```

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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