

Converting Colors

$Yxy(50.3969, 0.3236, 0.3475)$

Have a look what the booklet for
Yxy(50.3969, 0.3236, 0.3475)
contains.

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Color

Yxy(50.3092, 0.3235, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	BDBDAF
RGB	189, 189, 175
RGB Percent	74%, 74%, 69%
CMY	0.2590, 0.2588, 0.3137
CMYK	0.00, 0.00, 0.07, 0.26
HSL	60°, 10%, 71%
HSV	60°, 7%, 74%
XYZ	46.9156, 50.3092, 47.8003
YIQ	187.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

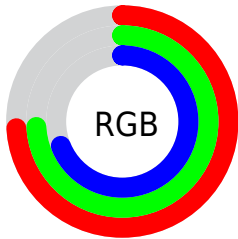
Format	Color
RYB	175, 189, 175
Decimal	12434863
CIELab	76.26, -2.52, 7.06
CIElCh	76, 7.498, 109.604
Yxy	50.3092, 0.3235, 0.3469
Android (android.graphics.Color)	4290624943 (0xFFBDBDAF)
YUV	187.4040, -6.1152, 1.3997
Hunter-Lab	70.9290, -6.0578, 9.6937

Details

The Yxy color **50.3092, 0.3235, 0.3469** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4602, 0.3015, 0.3105**, and the grayscale version is **49.9661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4868, 0.3212, 0.3430**, and **24.2726, 0.3264, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **49.6109, 0.3384, 0.3717**, and if you desaturate by 10%, it is **51.1158, 0.3090, 0.3229**.

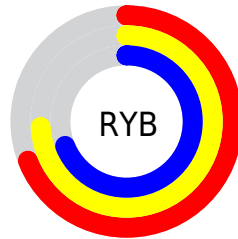
Distribution



Red (74%)

Green (74%)

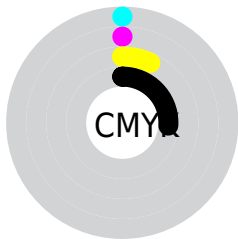
Blue (69%)



Red (69%)

Yellow (74%)

Blue (69%)

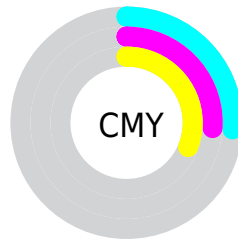


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (26%)



Cyan (26%)


Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3092, 0.3235, 0.3469 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 50.3092, 0.3235, 0.3469 by changing the saturation by 10% instead.


 50.3092, 0.3235,
0.3469

 50.3092, 0.3235,
0.3469


387.8739, 0.3182,
0.3380

 35.6591, 0.3248,
0.3491

 90.6328, 0.3216,
0.3437

 24.1711, 0.3264,
0.3519


117.0752, 0.3209,
0.3425

 15.4606, 0.3286,
0.3557


148.2171, 0.3203,
0.3414

 9.1433, 0.3316,
0.3608

184.4430, 0.3197,
0.3406

 4.8347, 0.3360,
0.3685

226.1372, 0.3193,
0.3398

 2.1506, 0.3429,
0.3811

273.6842, 0.3189,

 0.6929, 0.3851,

0.3391

0.4468

327.4683, 0.3185,
0.3385

0.0000, 0.0000,
0.0000

50.3092, 0.3235,
0.3469

50.3092, 0.3235,
0.3469

49.6109, 0.3384,
0.3717

51.1158, 0.3090,
0.3229

49.0102, 0.3534,
0.3966

52.0282, 0.2953,
0.3001

48.5045, 0.3679,
0.4207

53.0525, 0.2824,
0.2787

48.0889, 0.3815,
0.4433

54.1923, 0.2705,
0.2590

47.7581, 0.3935,
0.4633

54.4803, 0.2680,
0.2547

■ 47.5061, 0.4033,
0.4798

■ 54.4892, 0.2680,
0.2547

■ 47.3260, 0.4108,
0.4923

■ 54.4981, 0.2680,
0.2547

■ 47.2100, 0.4157,
0.5006

■ 54.5070, 0.2681,
0.2547

■ 47.1468, 0.4182,
0.5049

■ 54.5159, 0.2681,
0.2547

Harmonies

Analogous

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



50.3092, 0.3306, 0.3443



50.3092, 0.3235, 0.3469



50.3092, 0.3136, 0.3446

Triad

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



50.3092, 0.3235, 0.3469



50.3092, 0.2930, 0.3199



50.3092, 0.3218, 0.3204

Complementary

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



50.3092, 0.3235, 0.3469



43.4602, 0.3015, 0.3105

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.



50.3092, 0.3116, 0.3141



50.3092, 0.3235, 0.3469



50.3092, 0.2951, 0.3137

Square

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



50.3092, 0.3235, 0.3469



50.3092, 0.2961, 0.3287



50.3092, 0.3018, 0.3116



50.3092, 0.3296, 0.3289

Rectangle

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



50.3092, 0.3235, 0.3469



50.3092, 0.3068, 0.3405



50.3092, 0.3018, 0.3116



50.3092, 0.3185, 0.3180

Sweetspot

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



50.3114, 0.3235, 0.3469



90.8427, 0.3156, 0.3339



44.5805, 0.3252, 0.3290



19.5386, 0.3155, 0.3336



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.



50.3114, 0.3235, 0.3469



89.8611, 0.3261, 0.3512



49.4439, 0.3177, 0.3472



11.1187, 0.3264, 0.3517



31.7083, 0.4187, 0.5058



1.2426, 0.4189, 0.5056

Inverse Universe

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



43.4602, 0.3015, 0.3105



74.8958, 0.2988, 0.3058



44.2856, 0.3075, 0.3108



9.2270, 0.2984, 0.3053



2.4758, 0.1502, 0.0601



0.0976, 0.1507, 0.0604

Previews

White Background



This preview shows how the Yxy color 50.3092, 0.3235, 0.3469 looks on a white background.

Color Contrast Check

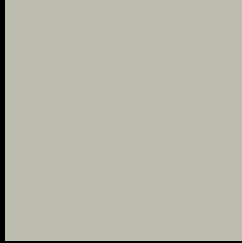
Large Text (above 18pt) WCAG AA × Fail

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 50.3092, 0.3235, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

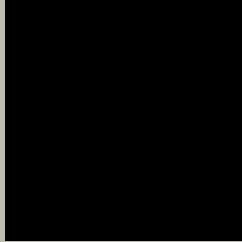
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

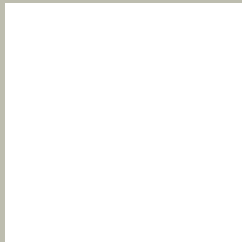
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3092, 0.3235, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 50.3092, 0.3235, 0.3469.



This preview shows how white text looks on a background with the Yxy color 50.3092, 0.3235, 0.3469.

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

50.3092, 0.3235, 0.3469

Protanopia

50.1987, 0.3297, 0.3454

Deuteranopia

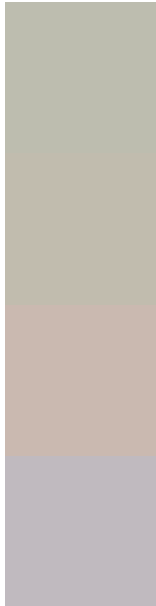
50.3319, 0.3412, 0.3351



Tritanopia

50.2055, 0.3078, 0.3105

Trichromacy



Original Color

50.3092, 0.3235, 0.3469

Protanomaly

50.3599, 0.3279, 0.3468

Deuteranomaly

50.3891, 0.3345, 0.3402

Tritanomaly

50.0859, 0.3138, 0.3228

Monochromacy



Original Color

50.3092, 0.3235, 0.3469

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.0767, 0.3166, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3092, 0.3235, 0.3469 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(189, 189, 175)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 175)  
}
```

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(189, 189, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 175) }
```

Border

The CSS property to change the border of an element to Yxy 50.3092, 0.3235, 0.3469 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(189, 189, 175) }
```

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

```
.border{ border-color:rgb(189, 189, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3092, 0.3235, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 175) }
```

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

```
.background{ background-color: rgb(189,  
189, 175) }
```

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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