

Converting Colors

Yxy(50.0244, 0.3111, 0.3352)

Have a look what the booklet for
Yxy(50.0244, 0.3111, 0.3352)
contains.

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Color

Yxy(49.9232, 0.3116, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	B7BDB8
RGB	183, 189, 184
RGB Percent	72%, 74%, 72%
CMY	0.2823, 0.2588, 0.2784
CMYK	0.03, 0.00, 0.03, 0.26
HSL	130°, 4%, 73%
HSV	130°, 3%, 74%
XYZ	46.3806, 49.9232, 52.5429
YIQ	186.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

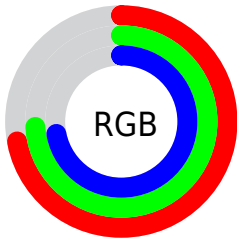
Format	Color
RYB	183, 188, 189
Decimal	12041656
CIELab	76.02, -3.00, 1.79
CIELCh	76, 3.495, 149.266
Yxy	49.9232, 0.3116, 0.3354
Android (android.graphics.Color)	4290231736 (0xFFB7BDB8)
YUV	186.6360, -1.2995, -3.1888
Hunter-Lab	70.6564, -6.4766, 5.3690

Details

The Yxy color $49.9232, 0.3116, 0.3354$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.3227, 0.3139, 0.3227$, and the grayscale version is $49.4890, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.9468, 0.3118, 0.3340$, and $23.9928, 0.3112, 0.3377$ is the 20% darker color. If you saturate the color by 10%, you get $47.1363, 0.3080, 0.3574$, and if you desaturate by 10%, it is $53.0992, 0.3151, 0.3161$.

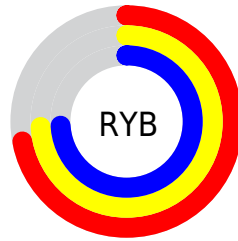
Distribution



Red (72%)

Green (74%)

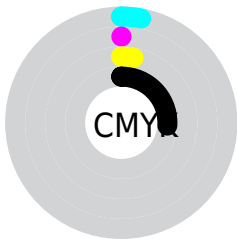
Blue (72%)



Red (72%)

Yellow (74%)

Blue (74%)

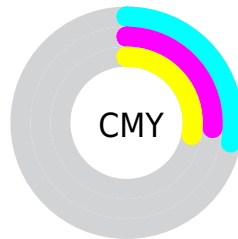


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (26%)



Cyan (28%)


Magenta (26%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9232, 0.3116, 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 49.9232, 0.3116, 0.3354 by changing the saturation by 10% instead.

 49.9232, 0.3116,
0.3354

 49.9232, 0.3116,
0.3354


386.3655, 0.3122,
0.3322

 35.3524, 0.3115,
0.3362


 90.0611, 0.3118,
0.3343

 23.9344, 0.3113,
0.3372


116.3969, 0.3119,
0.3338

 15.2850, 0.3110,
0.3385


147.4232, 0.3119,
0.3335

 9.0196, 0.3107,
0.3404

183.5244, 0.3120,
0.3331

 4.7540, 0.3102,
0.3431

225.0848, 0.3121,
0.3329

 2.1037, 0.3093,
0.3477

272.4889, 0.3121,


 0.6667, 0.3065,


0.3326


0.3647

326.1210, 0.3121,
0.3324


 0.0000, 0.0000,
0.0000


 49.9232, 0.3116,
0.3354


 49.9232, 0.3116,
0.3354


 47.1363, 0.3080,
0.3574


 53.0992, 0.3151,
0.3161

 44.7175, 0.3044,
0.3822


 56.6719, 0.3184,
0.2993


 42.6531, 0.3010,
0.4096

 60.6565, 0.3215,
0.2847

 40.9264, 0.2979,
0.4391

 64.3738, 0.3216,
0.2716

 39.5193, 0.2953,
0.4700

 64.8753, 0.3157,
0.2644

■ 38.4118, 0.2936,
0.5008

■ 37.5818, 0.2928,
0.5298

■ 37.0041, 0.2933,
0.5551

■ 36.6485, 0.2948,
0.5751

Harmonies

Analogous

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



49.9232, 0.3164, 0.3372



49.9232, 0.3116, 0.3354



49.9232, 0.3071, 0.3318

Triad

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



49.9232, 0.3116, 0.3354



49.9232, 0.3053, 0.3213



49.9232, 0.3213, 0.3304

Complementary

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



49.9232, 0.3116, 0.3354



48.3227, 0.3139, 0.3227

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.



49.9232, 0.3183, 0.3262



49.9232, 0.3116, 0.3354



49.9232, 0.3090, 0.3210

Square

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



49.9232, 0.3116, 0.3354



49.9232, 0.3035, 0.3237



49.9232, 0.3138, 0.3228



49.9232, 0.3220, 0.3343

Rectangle

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



49.9232, 0.3116, 0.3354



49.9232, 0.3049, 0.3290



49.9232, 0.3138, 0.3228



49.9232, 0.3206, 0.3290

Sweetspot

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



49.9253, 0.3116, 0.3354



90.5799, 0.3124, 0.3310



50.5191, 0.3166, 0.3366



19.4850, 0.3124, 0.3309



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.



49.9253, 0.3116, 0.3354



88.9405, 0.3113, 0.3373



50.0481, 0.3094, 0.3317



10.9684, 0.3111, 0.3385



24.5636, 0.2955, 0.5838



0.9703, 0.2844, 0.5438

Inverse Universe

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



48.3227, 0.3139, 0.3227



85.2793, 0.3142, 0.3209



48.1990, 0.3161, 0.3263



10.4491, 0.3144, 0.3196



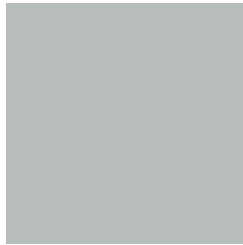
8.9408, 0.3673, 0.1797



0.3576, 0.3545, 0.1726

Previews

White Background



This preview shows how the Yxy color 49.9232, 0.3116, 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 49.9232, 0.3116, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

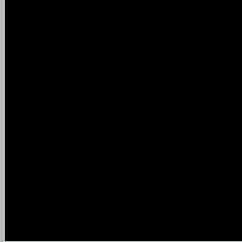
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

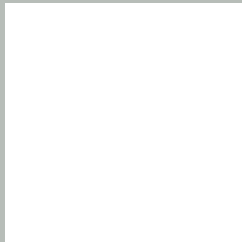
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9232, 0.3116, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 49.9232, 0.3116, 0.3354.



This preview shows how white text looks on a background with the Yxy color 49.9232, 0.3116, 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

49.9232, 0.3116, 0.3354

Protanopia

49.7432, 0.3201, 0.3328

Deuteranopia

49.7147, 0.3303, 0.3230



Tritanopia

49.7740, 0.3014, 0.3102

Trichromacy



Original Color

49.9232, 0.3116, 0.3354

Protanomaly

49.7784, 0.3175, 0.3341

Deuteranomaly

49.7895, 0.3238, 0.3278

Tritanomaly

49.7951, 0.3050, 0.3189

Monochromacy



Original Color

49.9232, 0.3116, 0.3354

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9507, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9232, 0.3116, 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(183, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 189, 184) }
```

Border

The CSS property to change the border of an element to Yxy 49.9232, 0.3116, 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(183, 189, 184) }
```

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

```
.border{ border-color:rgb(183, 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(183, 189, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 189,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9232, 0.3116, 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(183, 189, 184) }
```

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

```
.background{ background-color: rgb(183,  
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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