

Converting Colors

$Yxy(51.1590, 0.3207, 0.3621)$

Have a look what the booklet for
Yxy(51.1590, 0.3207, 0.3621)
contains.

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Color

Yxy(51.1514, 0.3201, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	B4C2A9
RGB	180, 194, 169
RGB Percent	71%, 76%, 66%
CMY	0.2940, 0.2392, 0.3372
CMYK	0.07, 0.00, 0.13, 0.24
HSL	94°, 17%, 71%
HSV	94°, 13%, 76%
XYZ	45.2809, 51.1514, 45.0262
YIQ	186.9640, -0.3190, -10.7430

Conversions

Conversions Part 2

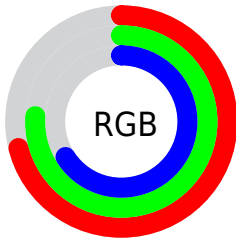
Format	Color
RYB	169, 194, 183
Decimal	11846313
CIELab	76.77, -9.37, 10.95
CIElCh	77, 14.406, 130.556
Yxy	51.1514, 0.3201, 0.3616
Android (android.graphics.Color)	4290036393 (0xFFB4C2A9)
YUV	186.9640, -8.8563, -6.1074
Hunter-Lab	71.5202, -12.1484, 12.7375

Details

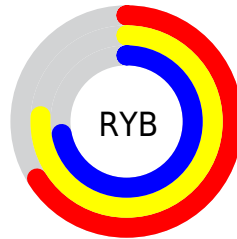
The Yxy color **51.1514, 0.3201, 0.3616** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3384, 0.3045, 0.2967**, and the grayscale version is **49.7274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5859, 0.3191, 0.3554**, and **24.5525, 0.3217, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **49.2268, 0.3256, 0.3894**, and if you desaturate by 10%, it is **53.2903, 0.3144, 0.3360**.

Distribution



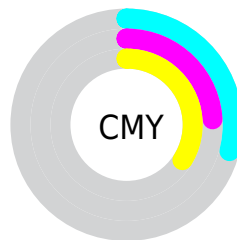
- Red (71%)
- Green (76%)
- Blue (66%)



- Red (66%)
- Yellow (76%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)





- Cyan (29%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1514, 0.3201, 0.3616 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 51.1514, 0.3201, 0.3616 by changing the saturation by 10% instead.


 51.1514, 0.3201,
0.3616

 51.1514, 0.3201,
0.3616


391.1517, 0.3166,
0.3453

 36.3291, 0.3209,
0.3657


 91.8785, 0.3189,
0.3557

 24.6885, 0.3219,
0.3709


118.5522, 0.3184,
0.3534

 15.8451, 0.3232,
0.3779

149.9450, 0.3180,
0.3515

 9.4146, 0.3249,
0.3877

186.4415, 0.3176,
0.3499

 5.0126, 0.3271,
0.4024

228.4260, 0.3173,
0.3485

 2.2547, 0.3300,
0.4266

276.2830, 0.3171,

 0.7496, 0.3767,

0.3473

0.5836

330.3968, 0.3168,
0.3462

0.0000, 0.0000,
0.0000

51.1514, 0.3201,
0.3616

51.1514, 0.3201,
0.3616

49.2268, 0.3256,
0.3894

53.2903, 0.3144,
0.3360

47.5030, 0.3307,
0.4189

55.6437, 0.3087,
0.3127

45.9745, 0.3350,
0.4494

58.2201, 0.3031,
0.2917

44.6334, 0.3381,
0.4797


61.0256, 0.2978,
0.2730

43.4710, 0.3396,
0.5084


63.3367, 0.3001,
0.2664


 42.4778, 0.3392,
0.5339

 65.2314, 0.3081,
0.2679

 41.6432, 0.3368,
0.5545

 67.0620, 0.3155,
0.2693

 40.9547, 0.3325,
0.5695

 40.5393, 0.3287,
0.5772

Harmonies

Analogous

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



51.1514, 0.3381, 0.3628



51.1514, 0.3201, 0.3616



51.1514, 0.3006, 0.3508

Triad

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



51.1514, 0.3201, 0.3616



51.1514, 0.2772, 0.3024



51.1514, 0.3413, 0.3235

Complementary

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



51.1514, 0.3201, 0.3616



42.3384, 0.3045, 0.2967

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.



51.1514, 0.3242, 0.3086



51.1514, 0.3201, 0.3616



51.1514, 0.2873, 0.2964

Square

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



51.1514, 0.3201, 0.3616



51.1514, 0.2762, 0.3158



51.1514, 0.3044, 0.2988



51.1514, 0.3507, 0.3402

Rectangle

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



51.1514, 0.3201, 0.3616



51.1514, 0.2893, 0.3398



51.1514, 0.3044, 0.2988



51.1514, 0.3363, 0.3182

Sweetspot

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



51.1536, 0.3201, 0.3616



96.0745, 0.3150, 0.3389



48.0985, 0.3336, 0.3466



20.9721, 0.3155, 0.3408



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.



51.1536, 0.3201, 0.3616



91.8246, 0.3214, 0.3680



49.9300, 0.3102, 0.3608



11.4713, 0.3181, 0.3523



26.7014, 0.3297, 0.5764



1.1945, 0.3477, 0.5621

Inverse Universe

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



42.3384, 0.3045, 0.2967



73.2355, 0.3028, 0.2904



43.6870, 0.3152, 0.2992



10.0194, 0.3069, 0.3058



4.7246, 0.2153, 0.0960



0.2444, 0.2383, 0.1087

Previews

White Background



This preview shows how the Yxy color 51.1514, 0.3201, 0.3616 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 51.1514, 0.3201, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

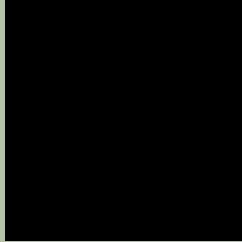
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

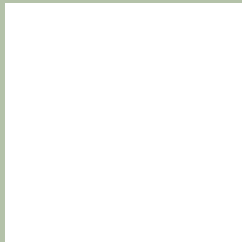
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1514, 0.3201, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 51.1514, 0.3201, 0.3616.



This preview shows how white text looks on a background with the Yxy color 51.1514, 0.3201, 0.3616.

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

51.1514, 0.3201, 0.3616

Protanopia

51.1541, 0.3384, 0.3579

Deuteranopia

50.6923, 0.3499, 0.3423



Tritanopia

51.0691, 0.2984, 0.3103

Trichromacy



Original Color

51.1514, 0.3201, 0.3616

Protanomaly

51.1280, 0.3312, 0.3596

Deuteranomaly

50.5766, 0.3392, 0.3489

Tritanomaly

51.0905, 0.3063, 0.3290

Monochromacy



Original Color

51.1514, 0.3201, 0.3616

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3125, 0.3154, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1514, 0.3201, 0.3616 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(180, 194, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 194, 169)  
}
```

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(180, 194, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 194, 169) }
```

Border

The CSS property to change the border of an element to Yxy 51.1514, 0.3201, 0.3616 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(180, 194, 169) }
```

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

```
.border{ border-color:rgb(180, 194, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 194, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 194, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 194, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 194,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1514, 0.3201, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 194, 169) }
```

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

```
.background{ background-color: rgb(180,  
194, 169) }
```

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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