

Converting Colors

$Yxy(51.2218, 0.3287, 0.3666)$

Have a look what the booklet for
Yxy(51.2218, 0.3287, 0.3666)
contains.

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Color

Yxy(51.2594, 0.3290, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1A4
RGB	186, 193, 164
RGB Percent	73%, 76%, 64%
CMY	0.2707, 0.2431, 0.3569
CMYK	0.04, 0.00, 0.15, 0.24
HSL	75°, 19%, 70%
HSV	75°, 15%, 76%
XYZ	46.0146, 51.2594, 42.5880
YIQ	187.6010, 5.1370, -10.5030

Conversions

Conversions Part 2

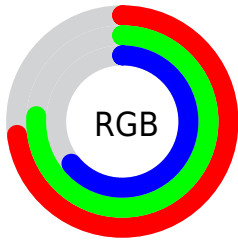
Format	Color
RYB	164, 193, 171
Decimal	12239268
CIELab	76.84, -7.55, 13.80
CIELCh	77, 15.728, 118.687
Yxy	51.2594, 0.3290, 0.3665
Android (android.graphics.Color)	4290429348 (0xFFBAC1A4)
YUV	187.6010, -11.6353, -1.4041
Hunter-Lab	71.5957, -10.5704, 14.8489

Details

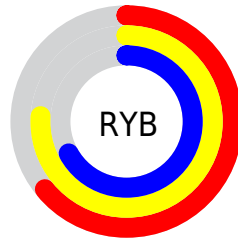
The Yxy color $51.2594, 0.3290, 0.3665$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.0626, 0.2948, 0.2901$, and the grayscale version is $50.1149, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.7431, 0.3261, 0.3593$, and $24.9126, 0.3336, 0.3782$ is the 20% darker color. If you saturate the color by 10%, you get $50.0393, 0.3398, 0.3929$, and if you desaturate by 10%, it is $52.6091, 0.3181, 0.3412$.

Distribution



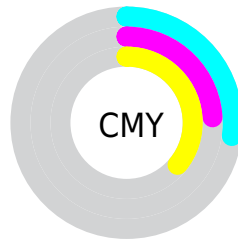
- Red (73%)
- Green (76%)
- Blue (64%)



- Red (64%)
- Yellow (76%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2594, 0.3290, 0.3665 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 51.2594, 0.3290, 0.3665 by changing the saturation by 10% instead.


 51.2594, 0.3290,
0.3665


 51.2594, 0.3290,
0.3665


391.5708, 0.3211,
0.3478

 36.4151, 0.3309,
0.3712


 92.0381, 0.3262,
0.3597

 24.7549, 0.3332,
0.3772


 118.7413, 0.3251,
0.3571

 15.8946, 0.3363,
0.3851


150.1662, 0.3242,
0.3550

 9.4496, 0.3403,
0.3962

186.6972, 0.3234,
0.3531

 5.0356, 0.3459,
0.4125

228.7188, 0.3228,
0.3515

 2.2681, 0.3541,
0.4391

276.6154, 0.3222,

 0.7568, 0.4142,

0.3501

0.5858

330.7712, 0.3216,
0.3489

0.0000, 0.0000,
0.0000

51.2594, 0.3290,
0.3665

51.2594, 0.3290,
0.3665

50.0393, 0.3398,
0.3929

52.6091, 0.3181,
0.3412

48.9370, 0.3502,
0.4197

54.0863, 0.3075,
0.3174

47.9496, 0.3598,
0.4460

55.6975, 0.2973,
0.2953

47.0713, 0.3678,
0.4709

57.4470, 0.2877,
0.2751

46.2958, 0.3740,
0.4931

58.9792, 0.2822,
0.2620

■ 45.6159, 0.3778,
0.5117

■ 59.6744, 0.2855,
0.2626

■ 45.0235, 0.3791,
0.5258

■ 60.3899, 0.2888,
0.2632

■ 44.5087, 0.3780,
0.5353

■ 61.1258, 0.2922,
0.2639

■ 44.2720, 0.3769,
0.5390

■ 61.8823, 0.2956,
0.2645

Harmonies

Analogous

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



51.2594, 0.3464, 0.3634



51.2594, 0.3290, 0.3665



51.2594, 0.3077, 0.3586

Triad

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



51.2594, 0.3290, 0.3665



51.2594, 0.2724, 0.3049



51.2594, 0.3373, 0.3161

Complementary

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



51.2594, 0.3290, 0.3665



39.0626, 0.2948, 0.2901

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.



51.2594, 0.3167, 0.3018



51.2594, 0.3290, 0.3665



51.2594, 0.2796, 0.2950

Square

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



51.2594, 0.3290, 0.3665



51.2594, 0.2755, 0.3220



51.2594, 0.2956, 0.2941



51.2594, 0.3514, 0.3340

Rectangle

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



51.2594, 0.3290, 0.3665



51.2594, 0.2942, 0.3482



51.2594, 0.2956, 0.2941



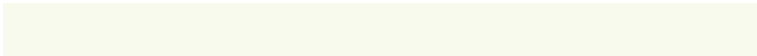
51.2594, 0.3309, 0.3108

Sweetspot

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



51.2616, 0.3290, 0.3665



94.1972, 0.3182, 0.3413



43.0572, 0.3391, 0.3379



20.1702, 0.3189, 0.3431



97.7402, 0.3127, 0.3290



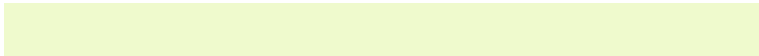
20.4902, 0.3127, 0.3290

Same Dimension

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



51.2616, 0.3290, 0.3665



91.0604, 0.3325, 0.3750



49.5668, 0.3171, 0.3679



11.6312, 0.3228, 0.3520



29.4800, 0.3774, 0.5385



1.3040, 0.3872, 0.5307

Inverse Universe

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



39.0626, 0.2948, 0.2901



65.0933, 0.2904, 0.2808



40.7488, 0.3074, 0.2915



9.8634, 0.3020, 0.3055



2.9921, 0.1646, 0.0680



0.1626, 0.1885, 0.0812

Previews

White Background



This preview shows how the Yxy color 51.2594, 0.3290, 0.3665 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 51.2594, 0.3290, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

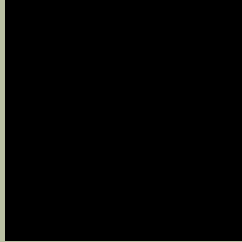
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

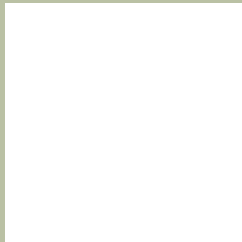
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2594, 0.3290, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 51.2594, 0.3290, 0.3665.



This preview shows how white text looks on a background with the Yxy color 51.2594, 0.3290, 0.3665.

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

51.2594, 0.3290, 0.3665

Protanopia

51.1459, 0.3425, 0.3629

Deuteranopia

51.2191, 0.3557, 0.3495



Tritanopia

51.4372, 0.3054, 0.3118

Trichromacy



Original Color

51.2594, 0.3290, 0.3665

Protanomaly

50.9406, 0.3372, 0.3633

Deuteranomaly

51.2364, 0.3458, 0.3562

Tritanomaly

51.4049, 0.3142, 0.3315

Monochromacy



Original Color

51.2594, 0.3290, 0.3665

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6464, 0.3187, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2594, 0.3290, 0.3665 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, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 164)  
}
```

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, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 164) }
```

Border

The CSS property to change the border of an element to Yxy 51.2594, 0.3290, 0.3665 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, 193, 164) }
```

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

```
.border{ border-color:rgb(186, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2594, 0.3290, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 164) }
```

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

```
.background{ background-color: rgb(186,  
193, 164) }
```

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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