

Converting Colors

Yxy(53.4283, 0.3280, 0.3639)

Have a look what the booklet for
Yxy(53.4283, 0.3280, 0.3639)
contains.

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Color

Yxy(53.2916, 0.3281, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	BEC4A9
RGB	190, 196, 169
RGB Percent	75%, 77%, 66%
CMY	0.2548, 0.2314, 0.3372
CMYK	0.03, 0.00, 0.14, 0.23
HSL	73°, 19%, 72%
HSV	73°, 14%, 77%
XYZ	48.1414, 53.2916, 45.2949
YIQ	191.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

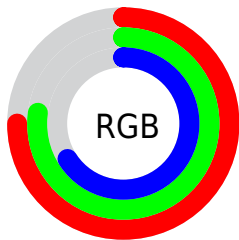
Format	Color
RYB	169, 196, 175
Decimal	12502185
CIELab	78.05, -6.81, 12.85
CIELCh	78, 14.543, 117.927
Yxy	53.2916, 0.3281, 0.3632
Android (android.graphics.Color)	4290692265 (0xFFBEC4A9)
YUV	191.1280, -10.9091, -0.9893
Hunter-Lab	73.0011, -10.0380, 14.3132

Details

The Yxy color **53.2916, 0.3281, 0.3632** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4834, 0.2960, 0.2935**, and the grayscale version is **52.2441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2252, 0.3253, 0.3578**, and **25.9487, 0.3326, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **52.0608, 0.3393, 0.3894**, and if you desaturate by 10%, it is **54.6541, 0.3169, 0.3381**.

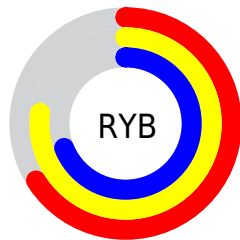
Distribution



Red (75%)

Green (77%)

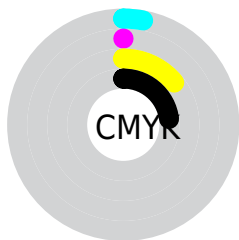
Blue (66%)



Red (66%)

Yellow (77%)

Blue (69%)

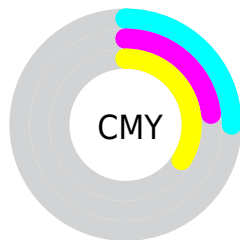


Cyan (3%)

Magenta (0%)

Yellow (14%)

Black (23%)



Cyan (25%)


Magenta (23%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2916, 0.3281, 0.3632 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 53.2916, 0.3281, 0.3632 by changing the saturation by 10% instead.


 53.2916, 0.3281,
0.3632

 53.2916, 0.3281,
0.3632


399.4029, 0.3207,
0.3463

 38.0356, 0.3299,
0.3674


 95.0333, 0.3255,
0.3571

 26.0103, 0.3321,
0.3727

122.2878, 0.3245,
0.3548

 16.8314, 0.3349,
0.3798


154.3106, 0.3236,
0.3528

 10.1143, 0.3387,
0.3895

191.4861, 0.3229,
0.3511

 5.4748, 0.3440,
0.4038

234.1987, 0.3222,
0.3497

 2.5285, 0.3517,
0.4268

282.8328, 0.3217,

 0.8908, 0.4142,

0.3484

0.5422

337.7727, 0.3212,
0.3473

0.0000, 0.0000,
0.0000

53.2916, 0.3281,
0.3632

53.2916, 0.3281,
0.3632

52.0608, 0.3393,
0.3894

54.6541, 0.3169,
0.3381

50.9497, 0.3502,
0.4160

56.1460, 0.3060,
0.3145

49.9552, 0.3602,
0.4422

57.7741, 0.2955,
0.2926

49.0713, 0.3689,
0.4670

59.5427, 0.2857,
0.2725

48.2918, 0.3757,
0.4892

60.6573, 0.2840,
0.2656

■ 47.6094, 0.3802,
0.5078

■ 61.3106, 0.2870,
0.2661

■ 47.0158, 0.3822,
0.5221

■ 61.9814, 0.2901,
0.2667

■ 46.5010, 0.3817,
0.5318

■ 62.6698, 0.2932,
0.2672

■ 46.2083, 0.3805,
0.5361

■ 63.3760, 0.2964,
0.2678

Harmonies

Analogous

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



53.2916, 0.3438, 0.3603



53.2916, 0.3281, 0.3632



53.2916, 0.3087, 0.3563

Triad

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



53.2916, 0.3281, 0.3632



53.2916, 0.2757, 0.3074



53.2916, 0.3347, 0.3169

Complementary

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



53.2916, 0.3281, 0.3632



41.4834, 0.2960, 0.2935

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.



53.2916, 0.3159, 0.3038



53.2916, 0.3281, 0.3632



53.2916, 0.2822, 0.2980

Square

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



53.2916, 0.3281, 0.3632



53.2916, 0.2788, 0.3231



53.2916, 0.2967, 0.2969



53.2916, 0.3478, 0.3332

Rectangle

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



53.2916, 0.3281, 0.3632



53.2916, 0.2962, 0.3469



53.2916, 0.2967, 0.2969



53.2916, 0.3288, 0.3120

Sweetspot

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



53.2939, 0.3281, 0.3632



98.9341, 0.3172, 0.3388



45.2089, 0.3367, 0.3366



21.1340, 0.3181, 0.3407



0.0000, 0.0000, 0.0000



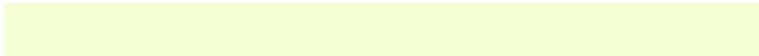
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2939, 0.3281, 0.3632



95.7389, 0.3321, 0.3723



51.6521, 0.3171, 0.3644



11.6421, 0.3231, 0.3520



29.7309, 0.3810, 0.5357



1.3131, 0.3900, 0.5285

Inverse Universe

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



41.4834, 0.2960, 0.2935



69.5448, 0.2912, 0.2836



43.1058, 0.3075, 0.2947



9.8532, 0.3017, 0.3054



2.9289, 0.1625, 0.0669



0.1581, 0.1854, 0.0795

Previews

White Background



This preview shows how the Yxy color 53.2916, 0.3281, 0.3632 looks on a white background.

Color Contrast Check

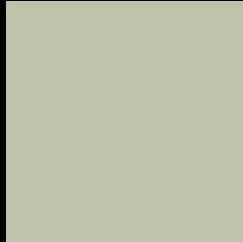
Large Text (above 18pt) WCAG AA × Fail

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 53.2916, 0.3281, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

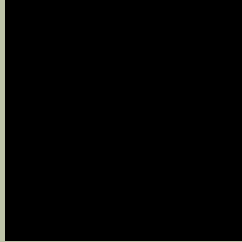
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

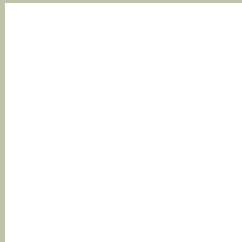
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2916, 0.3281, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 53.2916, 0.3281, 0.3632.



This preview shows how white text looks on a background with the Yxy color 53.2916, 0.3281, 0.3632.

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

53.2916, 0.3281, 0.3632

Protanopia

53.0459, 0.3405, 0.3599

Deuteranopia

53.1182, 0.3534, 0.3468



Tritanopia

53.3199, 0.3048, 0.3109

Trichromacy



Original Color

53.2916, 0.3281, 0.3632

Protanomaly

52.9728, 0.3361, 0.3602

Deuteranomaly

53.1391, 0.3437, 0.3534

Tritanomaly

53.3276, 0.3127, 0.3290

Monochromacy



Original Color

53.2916, 0.3281, 0.3632

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6352, 0.3186, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2916, 0.3281, 0.3632 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(190, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 196, 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(190, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 196, 169) }
```

Border

The CSS property to change the border of an element to Yxy 53.2916, 0.3281, 0.3632 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(190, 196, 169) }
```

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

```
.border{ border-color:rgb(190, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 196,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2916, 0.3281, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 196, 169) }
```

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

```
.background{ background-color: rgb(190,  
196, 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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