

Converting Colors

$Yxy(53.0713, 0.3327, 0.3710)$

Have a look what the booklet for
Yxy(53.0713, 0.3327, 0.3710)
contains.

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Color

Yxy(53.0713, 0.3327, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	BEC4A3
RGB	190, 196, 163
RGB Percent	75%, 77%, 64%
CMY	0.2548, 0.2314, 0.3608
CMYK	0.03, 0.00, 0.17, 0.23
HSL	71°, 22%, 70%
HSV	71°, 17%, 77%
XYZ	47.5925, 53.0713, 42.3855
YIQ	190.4440, 7.0170, -11.5350

Conversions

Conversions Part 2

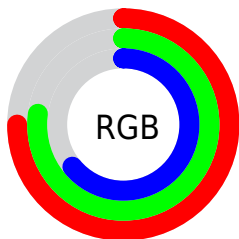
Format	Color
RYB	163, 196, 169
Decimal	12502179
CIELab	77.92, -7.77, 15.89
CIELCh	78, 17.692, 116.061
Yxy	53.0713, 0.3327, 0.3710
Android (android.graphics.Color)	4290692259 (0xFFBEC4A3)
YUV	190.4440, -13.5299, -0.3894
Hunter-Lab	72.8501, -10.8746, 16.4990

Details

The Yxy color **53.0713, 0.3327, 0.3710** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.6106, 0.2906, 0.2847**, and the grayscale version is **51.8425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9053, 0.3289, 0.3639**, and **25.7279, 0.3376, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **51.9742, 0.3446, 0.3971**, and if you desaturate by 10%, it is **54.2930, 0.3207, 0.3456**.

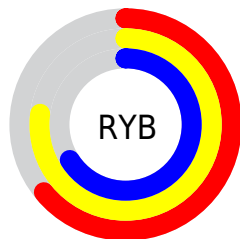
Distribution



Red (75%)

Green (77%)

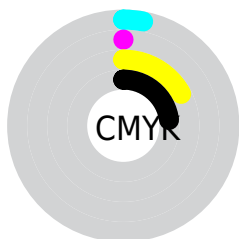
Blue (64%)



Red (64%)

Yellow (77%)

Blue (66%)

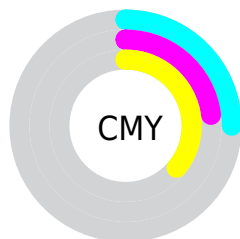


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (25%)


Magenta (23%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0713, 0.3327, 0.3710 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 53.0713, 0.3327, 0.3710 by changing the saturation by 10% instead.

 53.0713, 0.3327,
0.3710

 53.0713, 0.3327,
0.3710

398.5586, 0.3231,
0.3501

 37.8597, 0.3350,
0.3762


 94.7093, 0.3293,
0.3635

 25.8738, 0.3378,
0.3827


 121.9044, 0.3280,
0.3606

 16.7293, 0.3414,
0.3914


153.8629, 0.3269,
0.3582

 10.0416, 0.3463,
0.4034

190.9691, 0.3259,
0.3561

 5.4266, 0.3529,
0.4210

233.6073, 0.3251,
0.3543

 2.4997, 0.3622,
0.4490

282.1621, 0.3244,

 0.8765, 0.4233,

0.3528

0.5767

337.0177, 0.3237,
0.3514

0.0000, 0.0000,
0.0000

53.0713, 0.3327,
0.3710

53.0713, 0.3327,
0.3710

51.9742, 0.3446,
0.3971

54.2930, 0.3207,
0.3456

50.9897, 0.3560,
0.4233

55.6371, 0.3091,
0.3215

50.1146, 0.3664,
0.4486

57.1104, 0.2979,
0.2990

49.3429, 0.3753,
0.4720

58.7171, 0.2873,
0.2783

48.6681, 0.3822,
0.4923

60.0688, 0.2812,
0.2650

■ 48.0828, 0.3867,
0.5088

■ 60.5868, 0.2836,
0.2655

■ 47.5783, 0.3885,
0.5208

■ 61.1163, 0.2861,
0.2659

■ 47.1431, 0.3880,
0.5284

■ 61.6573, 0.2886,
0.2664

■ 47.0129, 0.3876,
0.5304

■ 62.2100, 0.2912,
0.2668

Harmonies

Analogous

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



53.0713, 0.3514, 0.3664



53.0713, 0.3327, 0.3710



53.0713, 0.3091, 0.3633

Triad

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



53.0713, 0.3327, 0.3710



53.0713, 0.2678, 0.3035



53.0713, 0.3382, 0.3131

Complementary

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



53.0713, 0.3327, 0.3710



38.6106, 0.2906, 0.2847

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.



53.0713, 0.3150, 0.2978



53.0713, 0.3327, 0.3710



53.0713, 0.2749, 0.2918

Square

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



53.0713, 0.3327, 0.3710



53.0713, 0.2722, 0.3230



53.0713, 0.2918, 0.2900



53.0713, 0.3549, 0.3326

Rectangle

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



53.0713, 0.3327, 0.3710



53.0713, 0.2939, 0.3522



53.0713, 0.2918, 0.2900



53.0713, 0.3309, 0.3073

Sweetspot

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



53.0736, 0.3327, 0.3710



98.7717, 0.3187, 0.3413



42.5697, 0.3433, 0.3362



21.1053, 0.3195, 0.3431



0.0000, 0.0000, 0.0000



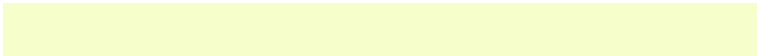
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0736, 0.3327, 0.3710



95.4344, 0.3369, 0.3800



51.1204, 0.3194, 0.3728



11.6634, 0.3238, 0.3519



30.2439, 0.3881, 0.5301



1.3313, 0.3955, 0.5242

Inverse Universe

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



38.6106, 0.2906, 0.2847



64.5833, 0.2854, 0.2745



40.4940, 0.3047, 0.2865



9.8335, 0.3011, 0.3054



2.8223, 0.1589, 0.0649



0.1493, 0.1793, 0.0761

Previews

White Background



This preview shows how the Yxy color 53.0713, 0.3327, 0.3710 looks on a white background.

Color Contrast Check

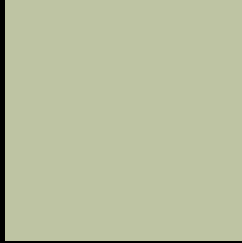
Large Text (above 18pt) WCAG AA × Fail

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 53.0713, 0.3327, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

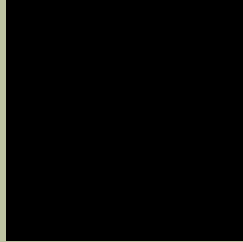
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

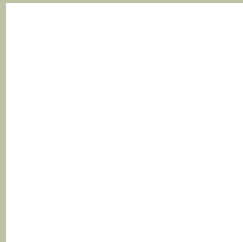
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0713, 0.3327, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 53.0713, 0.3327, 0.3710.



This preview shows how white text looks on a background with the Yxy color 53.0713, 0.3327, 0.3710.

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

53.0713, 0.3327, 0.3710

Protanopia

52.9690, 0.3461, 0.3674

Deuteranopia

52.7867, 0.3605, 0.3526



Tritanopia

52.9705, 0.3063, 0.3109

Trichromacy



Original Color

53.0713, 0.3327, 0.3710

Protanomaly

52.7543, 0.3408, 0.3678

Deuteranomaly

52.7772, 0.3505, 0.3594

Tritanomaly

52.8863, 0.3158, 0.3315

Monochromacy



Original Color

53.0713, 0.3327, 0.3710

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9417, 0.3202, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0713, 0.3327, 0.3710 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(190, 196, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 196, 163) }
```

Border

The CSS property to change the border of an element to Yxy 53.0713, 0.3327, 0.3710 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, 163) }
```

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

```
.border{ border-color:rgb(190, 196, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 196, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 196, 163);  
box-shadow:4px 4px 4px 4px rgb(190, 196,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0713, 0.3327, 0.3710 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, 163) }
```

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

```
.background{ background-color: rgb(190,  
196, 163) }
```

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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