

Converting Colors

Yxy(54.0045, 0.3471, 0.3531)

Have a look what the booklet for
Yxy(54.0045, 0.3471, 0.3531)
contains.

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Color

Yxy(53.7262, 0.3471, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	D4BEAA
RGB	212, 190, 170
RGB Percent	83%, 75%, 67%
CMY	0.1688, 0.2548, 0.3333
CMYK	0.00, 0.10, 0.20, 0.17
HSL	29°, 33%, 75%
HSV	29°, 20%, 83%
XYZ	52.8133, 53.7262, 45.6163
YIQ	194.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

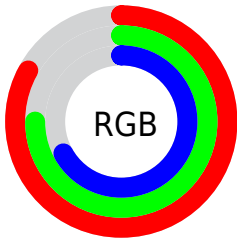
Format	Color
R _Y B	212, 208, 170
Decimal	13942442
CIE Lab	78.30, 4.59, 12.94
CIE LCh	78, 13.726, 70.480
Yxy	53.7262, 0.3471, 0.3531
Android (android.graphics.Color)	4292132522 (0xFFD4BEAA)
YUV	194.2980, -11.9789, 15.5247
Hunter-Lab	73.2982, 0.3422, 14.4102

Details

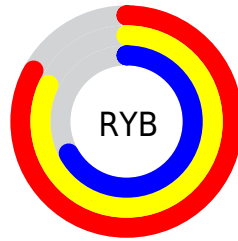
The Yxy color **53.7262, 0.3471, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9755, 0.2817, 0.3036**, and the grayscale version is **54.1973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6078, 0.3314, 0.3496**, and **26.3674, 0.3562, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **48.3680, 0.3682, 0.3660**, and if you desaturate by 10%, it is **59.5840, 0.3286, 0.3406**.

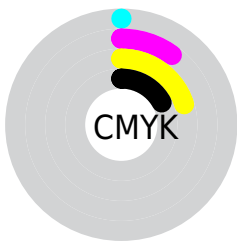
Distribution



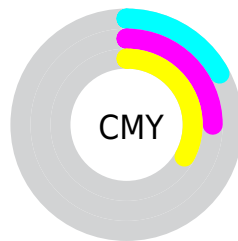
- Red (83%)
- Green (75%)
- Blue (67%)



- Red (83%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7262, 0.3471, 0.3531 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 53.7262, 0.3471, 0.3531 by changing the saturation by 10% instead.


 53.7262, 0.3471,
0.3531

 53.7262, 0.3471,
0.3531


401.0651, 0.3302,
0.3415

 38.3828, 0.3512,
0.3559


 95.6721, 0.3411,
0.3490

 26.2799, 0.3564,
0.3593


123.0434, 0.3388,
0.3474

 17.0332, 0.3632,
0.3638

155.1928, 0.3368,
0.3461

 10.2581, 0.3725,
0.3698

192.5047, 0.3351,
0.3449

 5.5705, 0.3859,
0.3781

235.3635, 0.3337,
0.3439

 2.5857, 0.4068,
0.3905

284.1535, 0.3324,

 0.9195, 0.4946,

0.3430

0.4576

339.2593, 0.3313,
0.3422

0.0000, 0.0000,
0.0000

53.7262, 0.3471,
0.3531

53.7262, 0.3471,
0.3531

48.3680, 0.3682,
0.3660

59.5840, 0.3286,
0.3406

43.4877, 0.3919,
0.3789

65.9477, 0.3124,
0.3288

39.0729, 0.4181,
0.3910

72.8327, 0.2984,
0.3177

35.1075, 0.4460,
0.4013

80.2515, 0.2862,
0.3076

31.5743, 0.4747,
0.4087

86.7899, 0.2867,
0.3191

■ 28.4546, 0.5024,
0.4118

■ 92.7322, 0.2871,
0.3289

■ 25.7275, 0.5273,
0.4096

■ 23.3632, 0.5484,
0.4026

■ 23.3188, 0.5489,
0.4024

Harmonies

Analogous

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



53.7262, 0.3482, 0.3396



53.7262, 0.3471, 0.3531



53.7262, 0.3365, 0.3607

Triad

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



53.7262, 0.3471, 0.3531



53.7262, 0.2864, 0.3335



53.7262, 0.3049, 0.3006

Complementary

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



53.7262, 0.3471, 0.3531



50.9755, 0.2817, 0.3036

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.



53.7262, 0.2889, 0.2984



53.7262, 0.3471, 0.3531



53.7262, 0.2785, 0.3168

Square

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



53.7262, 0.3471, 0.3531



53.7262, 0.3014, 0.3494



53.7262, 0.2793, 0.3041



53.7262, 0.3235, 0.3098

Rectangle

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



53.7262, 0.3471, 0.3531



53.7262, 0.3257, 0.3609



53.7262, 0.2793, 0.3041



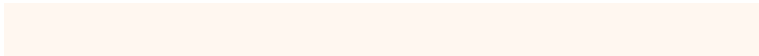
53.7262, 0.2991, 0.2990

Sweetspot

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



53.7286, 0.3471, 0.3531



94.0534, 0.3223, 0.3361



46.5645, 0.3316, 0.3023



19.9965, 0.3234, 0.3369



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.



53.7286, 0.3471, 0.3531



77.9160, 0.3562, 0.3588



63.2687, 0.3426, 0.3765



13.3881, 0.3279, 0.3401



14.5988, 0.5466, 0.4042



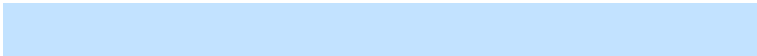
1.0457, 0.5189, 0.4262

Inverse Universe

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



50.9755, 0.2817, 0.3036



72.9524, 0.2745, 0.2972



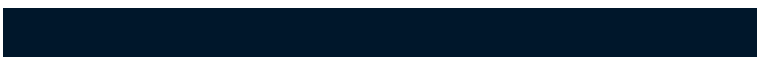
42.5748, 0.2801, 0.2767



13.0728, 0.2982, 0.3176



10.1397, 0.1796, 0.1665



0.7769, 0.1880, 0.1967

Previews

White Background



This preview shows how the Yxy color 53.7262, 0.3471, 0.3531 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 53.7262, 0.3471, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

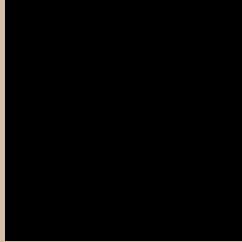
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7262, 0.3471, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 53.7262, 0.3471, 0.3531.



This preview shows how white text looks on a background with the Yxy color 53.7262, 0.3471, 0.3531.

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

53.7262, 0.3471, 0.3531

Protanopia

53.6750, 0.3363, 0.3549

Deuteranopia

53.8531, 0.3549, 0.3478



Tritanopia

53.8869, 0.3268, 0.3128

Trichromacy



Original Color

53.7262, 0.3471, 0.3531

Protanomaly

53.7614, 0.3407, 0.3546

Deuteranomaly

53.8121, 0.3520, 0.3492

Tritanomaly

53.6618, 0.3347, 0.3267

Monochromacy



Original Color

53.7262, 0.3471, 0.3531

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0602, 0.3253, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7262, 0.3471, 0.3531 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(212, 190, 170)` looks like.

```
.text, #text, p{  
    color:rgb(212, 190, 170)  
}
```

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(212, 190, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 190, 170) }
```

Border

The CSS property to change the border of an element to Yxy 53.7262, 0.3471, 0.3531 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(212, 190, 170) }
```

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

```
.border{ border-color:rgb(212, 190, 170) }
```

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

Here you see how a box with a 4 pixel rgb(212, 190, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 190, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 190, 170);  
box-shadow:4px 4px 4px 4px rgb(212, 190,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7262, 0.3471, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 190, 170) }
```

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

```
.background{ background-color: rgb(212,  
190, 170) }
```

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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