

Converting Colors

$Yxy(53.2120, 0.3304, 0.3572)$

Have a look what the booklet for
Yxy(53.2120, 0.3304, 0.3572)
contains.

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Color

Yxy(53.1642, 0.3303, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	C3C2AC
RGB	195, 194, 172
RGB Percent	76%, 76%, 67%
CMY	0.2353, 0.2392, 0.3256
CMYK	0.00, 0.01, 0.12, 0.24
HSL	57°, 16%, 72%
HSV	57°, 12%, 76%
XYZ	49.2432, 53.1642, 46.6789
YIQ	191.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

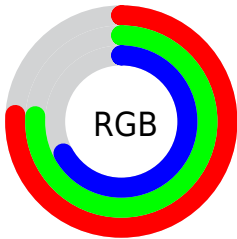
Format	Color
RYB	173, 195, 172
Decimal	12829356
CIELab	77.97, -3.47, 11.21
CIELCh	78, 11.740, 107.195
Yxy	53.1642, 0.3303, 0.3566
Android (android.graphics.Color)	4291019436 (0xFFC3C2AC)
YUV	191.7910, -9.7570, 2.8143
Hunter-Lab	72.9138, -7.0469, 13.0826

Details

The Yxy color **53.1642, 0.3303, 0.3566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5849, 0.2943, 0.2998**, and the grayscale version is **52.6394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6127, 0.3277, 0.3516**, and **25.7750, 0.3345, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **52.0934, 0.3457, 0.3806**, and if you desaturate by 10%, it is **54.3518, 0.3154, 0.3332**.

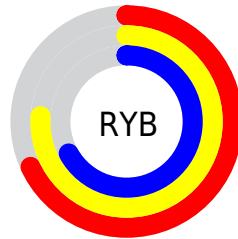
Distribution



Red (76%)

Green (76%)

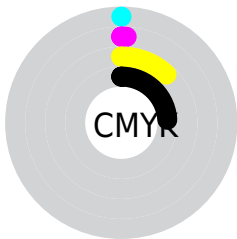
Blue (67%)



Red (68%)

Yellow (76%)

Blue (67%)

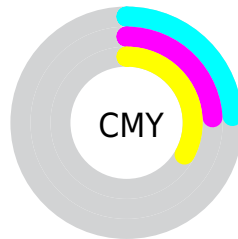


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1642, 0.3303, 0.3566 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 53.1642, 0.3303, 0.3566 by changing the saturation by 10% instead.


 53.1642, 0.3303,
0.3566

 53.1642, 0.3303,
0.3566

398.9148, 0.3218,
0.3430

 37.9339, 0.3324,
0.3599

 94.8459, 0.3272,
0.3517

 25.9314, 0.3350,
0.3642


122.0661, 0.3261,
0.3499

 16.7723, 0.3384,
0.3698


154.0518, 0.3251,
0.3483

 10.0723, 0.3430,
0.3775

191.1872, 0.3242,
0.3469

 5.4469, 0.3495,
0.3887

233.8568, 0.3235,
0.3458

 2.5118, 0.3595,
0.4065

282.4450, 0.3228,

 0.8825, 0.4158,

0.3447

0.4867

337.3362, 0.3223,
0.3438

0.0000, 0.0000,
0.0000

53.1642, 0.3303,
0.3566

53.1642, 0.3303,
0.3566

52.0934, 0.3457,
0.3806

54.3518, 0.3154,
0.3332

51.1276, 0.3611,
0.4044

55.6536, 0.3012,
0.3107

50.2641, 0.3761,
0.4273

57.0763, 0.2879,
0.2897

49.4972, 0.3900,
0.4482

58.6239, 0.2756,
0.2701

48.8209, 0.4023,
0.4663

59.3325, 0.2727,
0.2661

■ 48.2284, 0.4123,
0.4807

■ 59.7237, 0.2728,
0.2670

■ 47.7119, 0.4198,
0.4908

■ 60.1172, 0.2729,
0.2680

■ 47.2621, 0.4247,
0.4967

■ 60.5128, 0.2729,
0.2690

■ 46.9293, 0.4272,
0.4990

■ 60.9106, 0.2730,
0.2700

Harmonies

Analogous

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



53.1642, 0.3408, 0.3518



53.1642, 0.3303, 0.3566



53.1642, 0.3152, 0.3537

Triad

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



53.1642, 0.3303, 0.3566



53.1642, 0.2827, 0.3157



53.1642, 0.3254, 0.3149

Complementary

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



53.1642, 0.3303, 0.3566



42.5849, 0.2943, 0.2998

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.



53.1642, 0.3096, 0.3058



53.1642, 0.3303, 0.3566



53.1642, 0.2852, 0.3059

Square

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



53.1642, 0.3303, 0.3566



53.1642, 0.2880, 0.3296



53.1642, 0.2949, 0.3025



53.1642, 0.3380, 0.3277

Rectangle

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



53.1642, 0.3303, 0.3566



53.1642, 0.3047, 0.3477



53.1642, 0.2949, 0.3025



53.1642, 0.3203, 0.3113

Sweetspot

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



53.1665, 0.3303, 0.3566



96.8379, 0.3187, 0.3384



44.1181, 0.3327, 0.3276



21.1701, 0.3198, 0.3401



0.0000, 0.0000, 0.0000



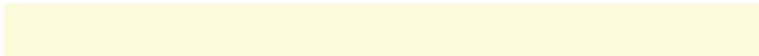
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1665, 0.3303, 0.3566



94.7306, 0.3340, 0.3623



52.2823, 0.3216, 0.3586



11.6805, 0.3266, 0.3508



30.5308, 0.4271, 0.4991



1.3429, 0.4252, 0.5006

Inverse Universe

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



42.5849, 0.2943, 0.2998



72.3060, 0.2902, 0.2933



43.4195, 0.3031, 0.2993



9.8170, 0.2983, 0.3062



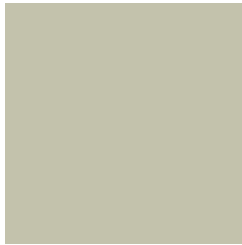
2.7132, 0.1509, 0.0632



0.1421, 0.1542, 0.0749

Previews

White Background



This preview shows how the Yxy color 53.1642, 0.3303, 0.3566 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 53.1642, 0.3303, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

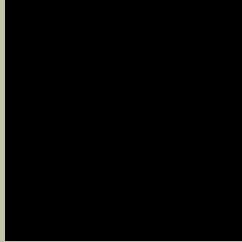
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

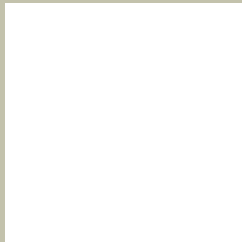
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1642, 0.3303, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 53.1642, 0.3303, 0.3566.



This preview shows how white text looks on a background with the Yxy color 53.1642, 0.3303, 0.3566.

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

53.1642, 0.3303, 0.3566

Protanopia

53.0571, 0.3365, 0.3550

Deuteranopia

53.0792, 0.3499, 0.3433



Tritanopia

53.0342, 0.3103, 0.3110

Trichromacy



Original Color

53.1642, 0.3303, 0.3566

Protanomaly

53.2223, 0.3346, 0.3563

Deuteranomaly

53.1140, 0.3432, 0.3484

Tritanomaly

53.0731, 0.3177, 0.3278

Monochromacy



Original Color

53.1642, 0.3303, 0.3566

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9802, 0.3187, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1642, 0.3303, 0.3566 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(195, 194, 172)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 172)  
}
```

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(195, 194, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 172) }
```

Border

The CSS property to change the border of an element to Yxy 53.1642, 0.3303, 0.3566 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(195, 194, 172) }
```

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

```
.border{ border-color:rgb(195, 194, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 172);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1642, 0.3303, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 172) }
```

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

```
.background{ background-color: rgb(195,  
194, 172) }
```

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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