

Converting Colors

Yxy(53.0722, 0.3647, 0.3600)

Have a look what the booklet for
Yxy(53.0722, 0.3647, 0.3600)
contains.

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Color

Yxy(53.0280, 0.3644, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	DDBAA0
RGB	221, 186, 160
RGB Percent	87%, 73%, 63%
CMY	0.1334, 0.2706, 0.3724
CMYK	0.00, 0.16, 0.28, 0.13
HSL	26°, 47%, 75%
HSV	26°, 28%, 87%
XYZ	53.7209, 53.0280, 40.6740
YIQ	193.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

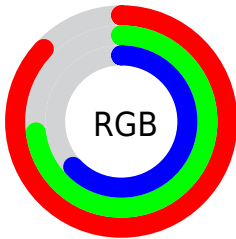
Format	Color
R_{YB}	221, 205, 160
Decimal	14531232
CIE _{Lab}	77.89, 8.70, 17.84
CIE _{LCh}	78, 19.849, 64.016
Yxy	53.0280, 0.3644, 0.3597
Android (android.graphics.Color)	4292721312 (0xFFDDBAA0)
YUV	193.5010, -16.5160, 24.1166
Hunter-Lab	72.8203, 4.2471, 17.8577

Details

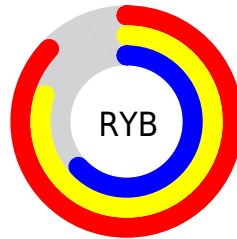
The Yxy color **53.0280, 0.3644, 0.3597** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.7272, 0.2694, 0.2961**, and the grayscale version is **53.7265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6706, 0.3383, 0.3558**, and **25.8571, 0.3788, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **47.2165, 0.3885, 0.3714**, and if you desaturate by 10%, it is **59.4559, 0.3432, 0.3481**.

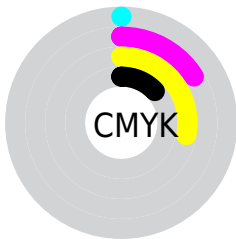
Distribution



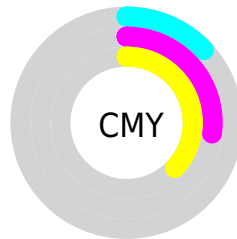
- Red (87%)
- Green (73%)
- Blue (63%)



- Red (87%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0280, 0.3644, 0.3597 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 53.0280, 0.3644, 0.3597 by changing the saturation by 10% instead.


 53.0280, 0.3644,
0.3597

 53.0280, 0.3644,
0.3597


398.3925, 0.3390,
0.3452

 37.8251, 0.3706,
0.3631


 94.6456, 0.3553,
0.3546

 25.8470, 0.3784,
0.3673


 121.8290, 0.3518,
0.3526

 16.7092, 0.3887,
0.3725


153.7749, 0.3489,
0.3509

 10.0274, 0.4027,
0.3794

190.8674, 0.3463,
0.3495

 5.4171, 0.4226,
0.3886

233.4910, 0.3441,
0.3482

 2.4940, 0.4531,
0.4008

282.0302, 0.3422,

 0.8736, 0.5480,

0.3471

0.4520

336.8692, 0.3405,
0.3461

0.0000, 0.0000,
0.0000

53.0280, 0.3644,
0.3597

53.0280, 0.3644,
0.3597

47.2165, 0.3885,
0.3714

59.4559, 0.3432,
0.3481

41.9946, 0.4156,
0.3824

66.5115, 0.3249,
0.3370

37.3439, 0.4452,
0.3921

74.2149, 0.3091,
0.3265

33.2424, 0.4762,
0.3990

82.5831, 0.2955,
0.3168

29.6661, 0.5070,
0.4020

90.5919, 0.2921,
0.3233

■ 26.5884, 0.5352,
0.3999

■ 94.1095, 0.2923,
0.3289

■ 23.9779, 0.5588,
0.3924

■ 23.4090, 0.5641,
0.3903

Harmonies

Analogous

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



53.0280, 0.3630, 0.3389



53.0280, 0.3644, 0.3597



53.0280, 0.3514, 0.3736

Triad

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



53.0280, 0.3644, 0.3597



53.0280, 0.2786, 0.3407



53.0280, 0.2957, 0.2868

Complementary

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



53.0280, 0.3644, 0.3597



51.7272, 0.2694, 0.2961

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.



53.0280, 0.2744, 0.2858



53.0280, 0.3644, 0.3597



53.0280, 0.2649, 0.3157

Square

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



53.0280, 0.3644, 0.3597



53.0280, 0.3016, 0.3633



53.0280, 0.2634, 0.2958



53.0280, 0.3224, 0.2980

Rectangle

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



53.0280, 0.3644, 0.3597



53.0280, 0.3367, 0.3763



53.0280, 0.2634, 0.2958



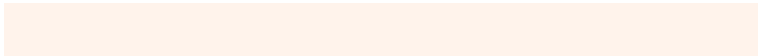
53.0280, 0.2877, 0.2852

Sweetspot

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



53.0304, 0.3644, 0.3597



91.5131, 0.3257, 0.3375



44.4876, 0.3383, 0.2878



19.2599, 0.3284, 0.3392



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.



53.0304, 0.3644, 0.3597



68.6836, 0.3777, 0.3663



66.9710, 0.3556, 0.3924



13.9594, 0.3281, 0.3390



13.8154, 0.5614, 0.3924



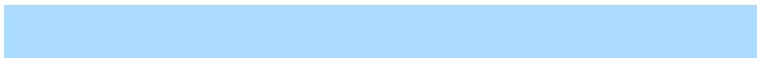
1.0636, 0.5327, 0.4152

Inverse Universe

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



51.7272, 0.2694, 0.2961



66.5931, 0.2604, 0.2882



39.6452, 0.2654, 0.2565



13.8514, 0.2982, 0.3188



12.0495, 0.1844, 0.1838



0.9502, 0.1916, 0.2097

Previews

White Background



This preview shows how the Yxy color 53.0280, 0.3644, 0.3597 looks on a white background.

Color Contrast Check

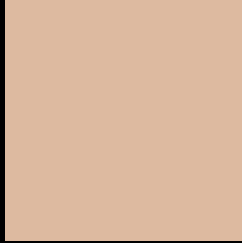
Large Text (above 18pt) WCAG AA × Fail

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 53.0280, 0.3644, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

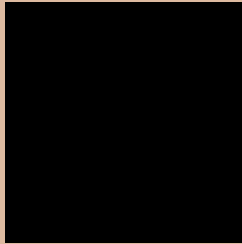
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0280, 0.3644, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 53.0280, 0.3644, 0.3597.



This preview shows how white text looks on a background with the Yxy color 53.0280, 0.3644, 0.3597.

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

53.0280, 0.3644, 0.3597

Protanopia

53.0401, 0.3445, 0.3648

Deuteranopia

52.9240, 0.3665, 0.3584



Tritanopia

52.9954, 0.3393, 0.3131

Trichromacy



Original Color

53.0280, 0.3644, 0.3597

Protanomaly

53.1372, 0.3519, 0.3630

Deuteranomaly

52.7656, 0.3656, 0.3585

Tritanomaly

53.0917, 0.3491, 0.3303

Monochromacy



Original Color

53.0280, 0.3644, 0.3597

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4764, 0.3304, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0280, 0.3644, 0.3597 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(221, 186, 160)` looks like.

```
.text, #text, p{  
    color:rgb(221, 186, 160)  
}
```

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(221, 186, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 186, 160) }
```

Border

The CSS property to change the border of an element to Yxy 53.0280, 0.3644, 0.3597 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(221, 186, 160) }
```

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

```
.border{ border-color:rgb(221, 186, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 186, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 186, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 186, 160);  
box-shadow:4px 4px 4px 4px rgb(221, 186,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0280, 0.3644, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 186, 160) }
```

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

```
.background{ background-color: rgb(221,  
186, 160) }
```

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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