

Converting Colors

Yxy(53.1703, 0.3578, 0.3532)

Have a look what the booklet for
Yxy(53.1703, 0.3578, 0.3532)
contains.

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Color

Yxy(52.9311, 0.3576, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	DBBAA6
RGB	219, 186, 166
RGB Percent	86%, 73%, 65%
CMY	0.1412, 0.2705, 0.3491
CMYK	0.00, 0.15, 0.24, 0.14
HSL	23°, 42%, 75%
HSV	23°, 24%, 86%
XYZ	53.6513, 52.9311, 43.4491
YIQ	193.5870, 26.0880, 0.7760

Conversions

Conversions Part 2

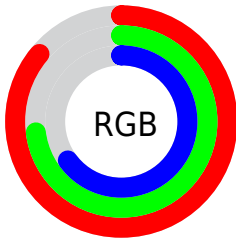
Format	Color
R _Y B	219, 198, 166
Decimal	14400166
CIE Lab	77.83, 8.76, 14.54
CIE LCh	78, 16.977, 58.919
Yxy	52.9311, 0.3576, 0.3528
Android (android.graphics.Color)	4292590246 (0xFFDBBAA6)
YUV	193.5870, -13.6004, 22.2872
Hunter-Lab	72.7538, 4.3133, 15.5192

Details

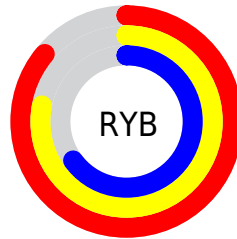
The Yxy color $52.9311, 0.3576, 0.3528$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $54.0415, 0.2751, 0.3039$, and the grayscale version is $53.7620, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.9847, 0.3344, 0.3498$, and $25.7765, 0.3695, 0.3590$ is the 20% darker color. If you saturate the color by 10%, you get $46.7283, 0.3815, 0.3632$, and if you desaturate by 10%, it is $59.8227, 0.3370, 0.3426$.

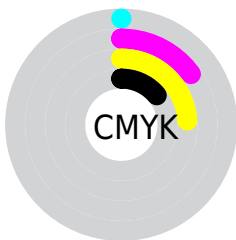
Distribution



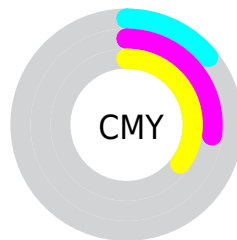
- Red (86%)
- Green (73%)
- Blue (65%)



- Red (86%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9311, 0.3576, 0.3528 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 52.9311, 0.3576, 0.3528 by changing the saturation by 10% instead.


 52.9311, 0.3576,
0.3528


 52.9311, 0.3576,
0.3528


398.0207, 0.3355,
0.3415

 37.7478, 0.3630,
0.3554


 94.5030, 0.3496,
0.3488

 25.7870, 0.3699,
0.3587


 121.6603, 0.3466,
0.3473

 16.6644, 0.3789,
0.3628


153.5778, 0.3441,
0.3460

 9.9955, 0.3912,
0.3683

190.6397, 0.3419,
0.3449

 5.3960, 0.4090,
0.3756

233.2306, 0.3400,
0.3439

 2.4814, 0.4367,
0.3856

281.7348, 0.3383,

 0.8673, 0.5486,

0.3430

0.4514

336.5367, 0.3368,
0.3422

0.0000, 0.0000,
0.0000

52.9311, 0.3576,
0.3528

52.9311, 0.3576,
0.3528

46.7283, 0.3815,
0.3632

59.8227, 0.3370,
0.3426

41.1849, 0.4088,
0.3733

67.4170, 0.3194,
0.3329

36.2800, 0.4392,
0.3824

75.7364, 0.3043,
0.3238

31.9884, 0.4720,
0.3892

84.8003, 0.2915,
0.3155

28.2833, 0.5054,
0.3927

93.2381, 0.2911,
0.3280

■ 25.1353, 0.5371,
0.3914

■ 93.7991, 0.2911,
0.3289

■ 22.5115, 0.5642,
0.3849

■ 21.2117, 0.5777,
0.3795

Harmonies

Analogous

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



52.9311, 0.3542, 0.3344



52.9311, 0.3576, 0.3528



52.9311, 0.3485, 0.3658

Triad

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



52.9311, 0.3576, 0.3528



52.9311, 0.2864, 0.3427



52.9311, 0.2946, 0.2918

Complementary

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



52.9311, 0.3576, 0.3528



54.0415, 0.2751, 0.3039

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.



52.9311, 0.2775, 0.2927



52.9311, 0.3576, 0.3528



52.9311, 0.2729, 0.3213

Square

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



52.9311, 0.3576, 0.3528



52.9311, 0.3071, 0.3606



52.9311, 0.2697, 0.3031



52.9311, 0.3171, 0.3001

Rectangle

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



52.9311, 0.3576, 0.3528



52.9311, 0.3369, 0.3693



52.9311, 0.2697, 0.3031



52.9311, 0.2881, 0.2910

Sweetspot

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



52.9335, 0.3576, 0.3528



92.0227, 0.3241, 0.3356



46.4689, 0.3321, 0.2900



19.5545, 0.3251, 0.3362



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.



52.9335, 0.3576, 0.3528



70.2005, 0.3692, 0.3580



64.8597, 0.3509, 0.3817



13.8541, 0.3282, 0.3379



12.7733, 0.5750, 0.3817



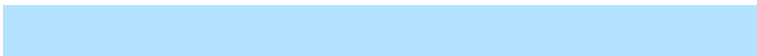
0.9904, 0.5444, 0.4059

Inverse Universe

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



54.0415, 0.2751, 0.3039



72.0139, 0.2673, 0.2979



43.1192, 0.2722, 0.2701



13.9595, 0.2982, 0.3200



13.7274, 0.1891, 0.2008



1.0533, 0.1956, 0.2240

Previews

White Background



This preview shows how the Yxy color 52.9311, 0.3576, 0.3528 looks on a white background.

Color Contrast Check

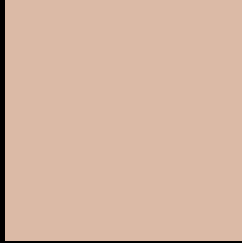
Large Text (above 18pt) WCAG AA × Fail

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 52.9311, 0.3576, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

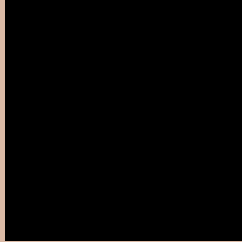
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9311, 0.3576, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 52.9311, 0.3576, 0.3528.



This preview shows how white text looks on a background with the Yxy color 52.9311, 0.3576, 0.3528.

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

52.9311, 0.3576, 0.3528

Protanopia

52.9814, 0.3380, 0.3575

Deuteranopia

52.8232, 0.3596, 0.3515



Tritanopia

53.1294, 0.3366, 0.3130

Trichromacy



Original Color

52.9311, 0.3576, 0.3528

Protanomaly

53.0640, 0.3453, 0.3558

Deuteranomaly

52.6667, 0.3587, 0.3515

Tritanomaly

52.8994, 0.3448, 0.3268

Monochromacy



Original Color

52.9311, 0.3576, 0.3528

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4188, 0.3280, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9311, 0.3576, 0.3528 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(219, 186, 166)` looks like.

```
.text, #text, p{  
    color:rgb(219, 186, 166)  
}
```

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(219, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 186, 166) }
```

Border

The CSS property to change the border of an element to Yxy 52.9311, 0.3576, 0.3528 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(219, 186, 166) }
```

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

```
.border{ border-color:rgb(219, 186, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 186, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 186, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 186, 166);  
box-shadow:4px 4px 4px 4px rgb(219, 186,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9311, 0.3576, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 186, 166) }
```

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

```
.background{ background-color: rgb(219,  
186, 166) }
```

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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