

Converting Colors

Yxy(53.1056, 0.3726, 0.3928)

Have a look what the booklet for
Yxy(53.1056, 0.3726, 0.3928)
contains.

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Color

Yxy(53.0936, 0.3728, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	D4BF8A
RGB	212, 191, 138
RGB Percent	83%, 75%, 54%
CMY	0.1687, 0.2509, 0.4588
CMYK	0.00, 0.10, 0.35, 0.17
HSL	43°, 46%, 69%
HSV	43°, 35%, 83%
XYZ	50.3646, 53.0936, 31.6400
YIQ	191.2370, 29.5290, -12.0310

Conversions

Conversions Part 2

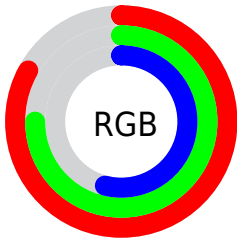
Format	Color
R _Y B	167, 212, 138
Decimal	13942666
CIE Lab	77.93, -0.27, 29.48
CIE LCh	78, 29.478, 90.516
Yxy	53.0936, 0.3728, 0.3930
Android (android.graphics.Color)	4292132746 (0xFFD4BF8A)
YUV	191.2370, -26.2458, 18.2092
Hunter-Lab	72.8654, -4.1350, 25.2605

Details

The Yxy color **53.0936, 0.3728, 0.3930** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9414, 0.2539, 0.2553**, and the grayscale version is **52.3874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5873, 0.3519, 0.3837**, and **25.9330, 0.3881, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **49.9738, 0.3923, 0.4111**, and if you desaturate by 10%, it is **56.4456, 0.3540, 0.3743**.

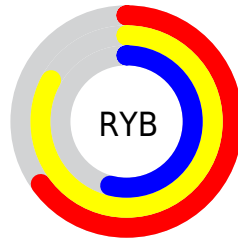
Distribution



Red (83%)

Green (75%)

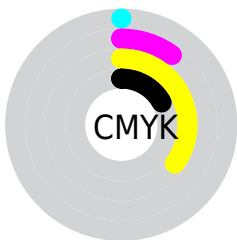
Blue (54%)



Red (65%)

Yellow (83%)

Blue (54%)

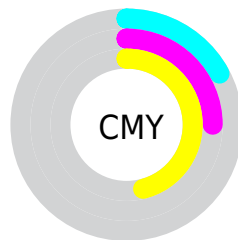


Cyan (0%)

Magenta (10%)

Yellow (35%)

Black (17%)



Cyan (17%)


Magenta (25%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0936, 0.3728, 0.3930 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 53.0936, 0.3728, 0.3930 by changing the saturation by 10% instead.


 53.0936, 0.3728,
0.3930

 53.0936, 0.3728,
0.3930

398.6441, 0.3438,
0.3620


 37.8775, 0.3796,
0.4003


 94.7421, 0.3625,
0.3821

 25.8876, 0.3881,
0.4094


 121.9433, 0.3586,
0.3778

 16.7396, 0.3989,
0.4209


 153.9082, 0.3552,
0.3743

 10.0490, 0.4129,
0.4359

191.0214, 0.3523,
0.3711

 5.4315, 0.4313,
0.4557

233.6672, 0.3498,
0.3684

 2.5026, 0.4761,
0.5037

282.2300, 0.3475,

 0.8779, 0.4854,

0.3661

0.5146

337.0942, 0.3455,
0.3639

0.0000, 0.0000,
0.0000

53.0936, 0.3728,
0.3930

53.0936, 0.3728,
0.3930

49.9738, 0.3923,
0.4111

56.4456, 0.3540,
0.3743

47.0707, 0.4120,
0.4275

60.0301, 0.3364,
0.3556

44.3775, 0.4310,
0.4414


63.8568, 0.3201,
0.3375

41.8843, 0.4485,
0.4514


67.9325, 0.3053,
0.3204

39.5797, 0.4635,
0.4569

72.2636, 0.2920,
0.3043


 37.4500, 0.4755,
0.4575

 76.1824, 0.2858,
0.2995

 36.4187, 0.4808,
0.4565

 79.5272, 0.2861,
0.3060

 82.9878, 0.2864,
0.3124

 86.5653, 0.2867,
0.3187

Harmonies

Analogous

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



53.0936, 0.3905, 0.3696



53.0936, 0.3728, 0.3930



53.0936, 0.3393, 0.3997

Triad

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



53.0936, 0.3728, 0.3930



53.0936, 0.2444, 0.3123



53.0936, 0.3218, 0.2816

Complementary

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



53.0936, 0.3728, 0.3930



34.9414, 0.2539, 0.2553

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.



53.0936, 0.2830, 0.2670



53.0936, 0.3728, 0.3930



53.0936, 0.2403, 0.2821

Square

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



53.0936, 0.3728, 0.3930



53.0936, 0.2657, 0.3507



53.0936, 0.2539, 0.2666



53.0936, 0.3603, 0.3070

Rectangle

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



53.0936, 0.3728, 0.3930



53.0936, 0.3131, 0.3919



53.0936, 0.2539, 0.2666



53.0936, 0.3083, 0.2753

Sweetspot

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



53.0960, 0.3728, 0.3930



93.9408, 0.3284, 0.3469



34.7171, 0.3700, 0.3016



19.9315, 0.3308, 0.3494



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.



53.0960, 0.3728, 0.3930



77.0558, 0.3875, 0.4067



60.8048, 0.3529, 0.4191



13.8974, 0.3273, 0.3456



22.6667, 0.4797, 0.4573



1.5046, 0.4669, 0.4675

Inverse Universe

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



34.9414, 0.2539, 0.2553



45.4473, 0.2399, 0.2360



29.6838, 0.2622, 0.2284



12.5761, 0.2982, 0.3118



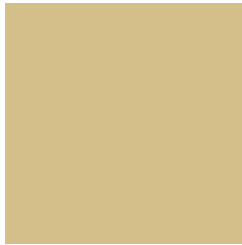
5.0827, 0.1602, 0.0968



0.4469, 0.1699, 0.1315

Previews

White Background



This preview shows how the Yxy color 53.0936, 0.3728, 0.3930 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 53.0936, 0.3728, 0.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

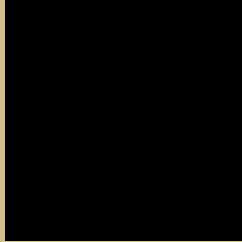
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0936, 0.3728, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 53.0936, 0.3728, 0.3930.



This preview shows how white text looks on a background with the Yxy color 53.0936, 0.3728, 0.3930.

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

53.0936, 0.3728, 0.3930

Protanopia

53.2694, 0.3668, 0.3951

Deuteranopia

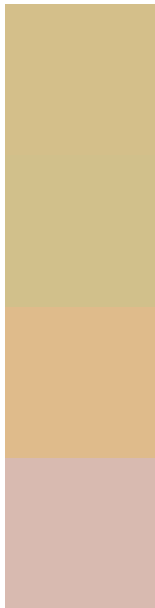
53.2200, 0.3897, 0.3818



Tritanopia

53.0043, 0.3313, 0.3117

Trichromacy



Original Color

53.0936, 0.3728, 0.3930

Protanomaly

53.1187, 0.3690, 0.3935

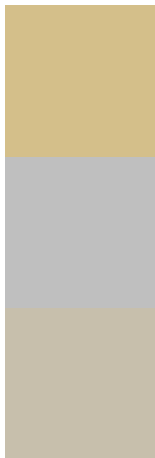
Deuteranomaly

53.0927, 0.3835, 0.3852

Tritanomaly

52.8513, 0.3465, 0.3410

Monochromacy



Original Color

53.0936, 0.3728, 0.3930

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3823, 0.3341, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0936, 0.3728, 0.3930 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, 191, 138)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 138)  
}
```

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, 191, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 138) }
```

Border

The CSS property to change the border of an element to Yxy 53.0936, 0.3728, 0.3930 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, 191, 138) }
```

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

```
.border{ border-color:rgb(212, 191, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 138);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0936, 0.3728, 0.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 138) }
```

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

```
.background{ background-color: rgb(212,  
191, 138) }
```

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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