

Converting Colors

$Yxy(52.3825, 0.3722, 0.3692)$

Have a look what the booklet for
Yxy(52.3825, 0.3722, 0.3692)
contains.

Yxy(52.3044, 0.3724, 0.3692)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3044, 0.3724, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	DDB997
RGB	221, 185, 151
RGB Percent	87%, 73%, 59%
CMY	0.1333, 0.2745, 0.4077
CMYK	0.00, 0.16, 0.32, 0.13
HSL	29°, 51%, 73%
HSV	29°, 32%, 87%
XYZ	52.7577, 52.3044, 36.6074
YIQ	191.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

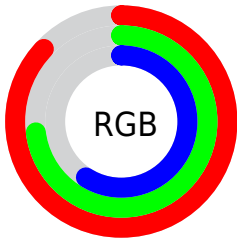
Format	Color
R _Y B	221, 217, 151
Decimal	14530967
CIE Lab	77.46, 8.06, 22.07
CIE LCh	77, 23.498, 69.940
Yxy	52.3044, 0.3724, 0.3692
Android (android.graphics.Color)	4292721047 (0xFFDDB997)
YUV	191.8880, -20.1578, 25.5312
Hunter-Lab	72.3218, 3.6502, 20.6142

Details

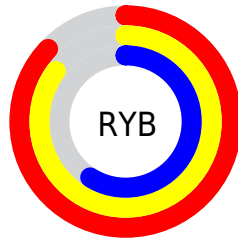
The Yxy color **52.3044, 0.3724, 0.3692** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3628, 0.2623, 0.2849**, and the grayscale version is **52.7522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5784, 0.3449, 0.3649**, and **25.4220, 0.3886, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **47.0847, 0.3965, 0.3822**, and if you desaturate by 10%, it is **58.0442, 0.3508, 0.3560**.

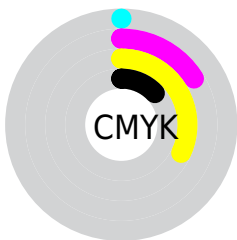
Distribution



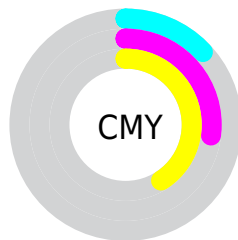
- Red (87%)
- Green (73%)
- Blue (59%)



- Red (87%)
- Yellow (85%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3044, 0.3724, 0.3692 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 52.3044, 0.3724, 0.3692 by changing the saturation by 10% instead.

 52.3044, 0.3724,
0.3692

 52.3044, 0.3724,
0.3692


395.6106, 0.3430,
0.3501

 37.2478, 0.3795,
0.3736


 93.5800, 0.3619,
0.3625

 25.3994, 0.3885,
0.3791


 120.5678, 0.3579,
0.3599

 16.3749, 0.4002,
0.3860

152.3014, 0.3545,
0.3577

 9.7898, 0.4160,
0.3948

189.1652, 0.3516,
0.3558

 5.2598, 0.4383,
0.4064

231.5436, 0.3490,
0.3541

 2.4005, 0.4755,
0.4250

279.8211, 0.3468,

 0.8261, 0.5451,

0.3526

0.4549

334.3820, 0.3448,
0.3513

0.0000, 0.0000,
0.0000

52.3044, 0.3724,
0.3692

52.3044, 0.3724,
0.3692

47.0847, 0.3965,
0.3822

58.0442, 0.3508,
0.3560

42.3615, 0.4229,
0.3943

64.3124, 0.3319,
0.3432

38.1198, 0.4508,
0.4043

71.1262, 0.3153,
0.3310

34.3406, 0.4791,
0.4111

78.4997, 0.3008,
0.3195

31.0036, 0.5060,
0.4134

86.0180, 0.2919,
0.3155

■ 28.0854, 0.5298,
0.4103

■ 92.9952, 0.2923,
0.3272

■ 25.9466, 0.5467,
0.4041

■ 94.1135, 0.2923,
0.3289

Harmonies

Analogous

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



52.3044, 0.3744, 0.3455



52.3044, 0.3724, 0.3692



52.3044, 0.3538, 0.3837

Triad

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



52.3044, 0.3724, 0.3692



52.3044, 0.2681, 0.3368



52.3044, 0.2983, 0.2811

Complementary

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



52.3044, 0.3724, 0.3692



47.3628, 0.2623, 0.2849

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.



52.3044, 0.2715, 0.2772



52.3044, 0.3724, 0.3692



52.3044, 0.2547, 0.3074

Square

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



52.3044, 0.3724, 0.3692



52.3044, 0.2934, 0.3655



52.3044, 0.2560, 0.2861



52.3044, 0.3304, 0.2962

Rectangle

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



52.3044, 0.3724, 0.3692



52.3044, 0.3351, 0.3852



52.3044, 0.2560, 0.2861



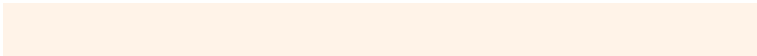
52.3044, 0.2884, 0.2784

Sweetspot

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



52.3068, 0.3724, 0.3692



91.3039, 0.3273, 0.3399



41.1138, 0.3478, 0.2867



19.2545, 0.3299, 0.3418



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.



52.3068, 0.3724, 0.3692



67.4592, 0.3881, 0.3779



68.7128, 0.3607, 0.4065



14.0895, 0.3279, 0.3404



15.2966, 0.5443, 0.4060



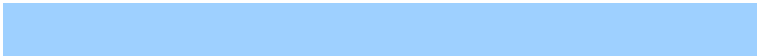
1.1631, 0.5186, 0.4264

Inverse Universe

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



47.3628, 0.2623, 0.2849



59.5941, 0.2515, 0.2739



34.3253, 0.2566, 0.2376



13.7198, 0.2982, 0.3174



10.2162, 0.1787, 0.1634



0.8342, 0.1868, 0.1923

Previews

White Background



This preview shows how the Yxy color 52.3044, 0.3724, 0.3692 looks on a white background.

Color Contrast Check

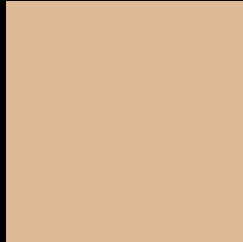
Large Text (above 18pt) WCAG AA × Fail

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 52.3044, 0.3724, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

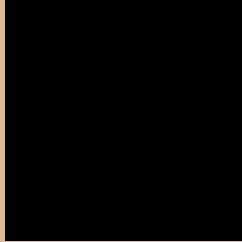
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3044, 0.3724, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 52.3044, 0.3724, 0.3692.



This preview shows how white text looks on a background with the Yxy color 52.3044, 0.3724, 0.3692.

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

52.3044, 0.3724, 0.3692

Protanopia

52.2912, 0.3520, 0.3750

Deuteranopia

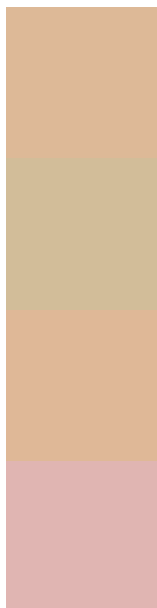
52.3626, 0.3755, 0.3677



Tritanopia

52.2592, 0.3422, 0.3131

Trichromacy



Original Color

52.3044, 0.3724, 0.3692

Protanomaly

52.3967, 0.3596, 0.3729

Deuteranomaly

52.2033, 0.3746, 0.3679

Tritanomaly

52.1094, 0.3530, 0.3326

Monochromacy



Original Color

52.3044, 0.3724, 0.3692

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2660, 0.3339, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3044, 0.3724, 0.3692 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, 185, 151)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 151)  
}
```

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, 185, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 151) }
```

Border

The CSS property to change the border of an element to Yxy 52.3044, 0.3724, 0.3692 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, 185, 151) }
```

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

```
.border{ border-color:rgb(221, 185, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 151);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3044, 0.3724, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 151) }
```

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

```
.background{ background-color: rgb(221,  
185, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor