

Converting Colors

$Yxy(52.2109, 0.3694, 0.3621)$

Have a look what the booklet for
Yxy(52.2109, 0.3694, 0.3621)
contains.

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Color

Yxy(52.2109, 0.3694, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	DEB89C
RGB	222, 184, 156
RGB Percent	87%, 72%, 61%
CMY	0.1294, 0.2784, 0.3883
CMYK	0.00, 0.17, 0.30, 0.13
HSL	25°, 50%, 74%
HSV	25°, 30%, 87%
XYZ	53.2635, 52.2109, 38.7148
YIQ	192.1700, 31.6360, -0.6520

Conversions

Conversions Part 2

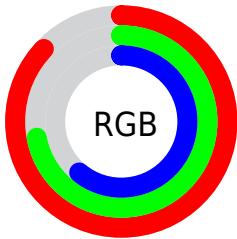
Format	Color
R _Y B	222, 205, 156
Decimal	14596252
CIE Lab	77.41, 9.61, 19.36
CIE LCh	77, 21.611, 63.600
Yxy	52.2109, 0.3694, 0.3621
Android (android.graphics.Color)	4292786332 (0xFFDEB89C)
YUV	192.1700, -17.8318, 26.1609
Hunter-Lab	72.2571, 5.1292, 18.8129

Details

The Yxy color **52.2109, 0.3694, 0.3621** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9111, 0.2660, 0.2933**, and the grayscale version is **52.9096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2833, 0.3412, 0.3579**, and **25.3595, 0.3846, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **46.4583, 0.3942, 0.3737**, and if you desaturate by 10%, it is **58.5851, 0.3476, 0.3505**.

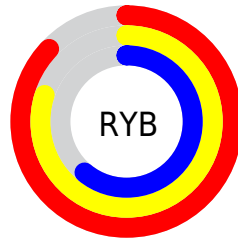
Distribution



Red (87%)

Green (72%)

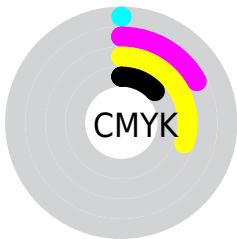
Blue (61%)



Red (87%)

Yellow (80%)

Blue (61%)

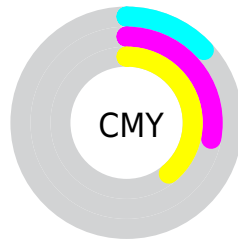


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (13%)



Cyan (13%)


Magenta (28%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2109, 0.3694, 0.3621 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 52.2109, 0.3694, 0.3621 by changing the saturation by 10% instead.


 52.2109, 0.3694,
0.3621


 52.2109, 0.3694,
0.3621


395.2503, 0.3414,
0.3465

 37.1732, 0.3762,
0.3657


 93.4422, 0.3593,
0.3566

 25.3416, 0.3849,
0.3702


 120.4046, 0.3555,
0.3545

 16.3318, 0.3962,
0.3758


152.1107, 0.3523,
0.3527

 9.7592, 0.4116,
0.3830

188.9448, 0.3495,
0.3511

 5.2396, 0.4335,
0.3924

231.2915, 0.3471,
0.3497

 2.3885, 0.4679,
0.4056

279.5350, 0.3450,

 0.8200, 0.5558,

0.3485

0.4442

334.0598, 0.3431,
0.3474

0.0000, 0.0000,
0.0000

52.2109, 0.3694,
0.3621

52.2109, 0.3694,
0.3621

46.4583, 0.3942,
0.3737

58.5851, 0.3476,
0.3505

41.3000, 0.4220,
0.3845

65.5927, 0.3286,
0.3393

36.7170, 0.4521,
0.3936

73.2544, 0.3123,
0.3287

32.6864, 0.4833,
0.3997

81.5875, 0.2983,
0.3189

29.1833, 0.5138,
0.4016

89.8127, 0.2927,
0.3217

■ 26.1802, 0.5412,
0.3983

■ 94.2691, 0.2929,
0.3289

■ 23.6398, 0.5641,
0.3901

■ 23.5783, 0.5646,
0.3899

Harmonies

Analogous

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



52.2109, 0.3677, 0.3393



52.2109, 0.3694, 0.3621



52.2109, 0.3553, 0.3776

Triad

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



52.2109, 0.3694, 0.3621



52.2109, 0.2757, 0.3422



52.2109, 0.2936, 0.2830

Complementary

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



52.2109, 0.3694, 0.3621



50.9111, 0.2660, 0.2933

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.



52.2109, 0.2706, 0.2819



52.2109, 0.3694, 0.3621



52.2109, 0.2607, 0.3146

Square

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



52.2109, 0.3694, 0.3621



52.2109, 0.3008, 0.3669



52.2109, 0.2589, 0.2929



52.2109, 0.3228, 0.2950

Rectangle

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



52.2109, 0.3694, 0.3621



52.2109, 0.3392, 0.3809



52.2109, 0.2589, 0.2929



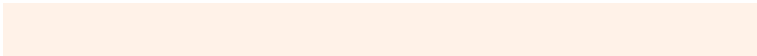
52.2109, 0.2850, 0.2813

Sweetspot

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



52.2133, 0.3694, 0.3621



90.4702, 0.3275, 0.3386



43.2176, 0.3409, 0.2844



19.0495, 0.3301, 0.3402



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.



52.2133, 0.3694, 0.3621



66.2335, 0.3853, 0.3697



67.2951, 0.3591, 0.3974



14.6523, 0.3281, 0.3390



14.2154, 0.5621, 0.3919



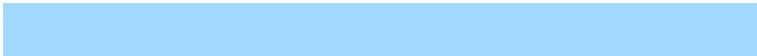
1.1600, 0.5349, 0.4135

Inverse Universe

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



50.9111, 0.2660, 0.2933



64.1536, 0.2557, 0.2840



37.9994, 0.2612, 0.2499



14.5465, 0.2981, 0.3188



12.4892, 0.1845, 0.1842



1.0420, 0.1913, 0.2087

Previews

White Background



This preview shows how the Yxy color 52.2109, 0.3694, 0.3621 looks on a white background.

Color Contrast Check

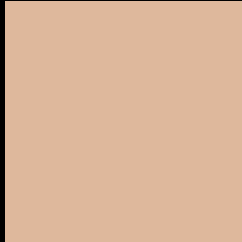
Large Text (above 18pt) WCAG AA × Fail

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 52.2109, 0.3694, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

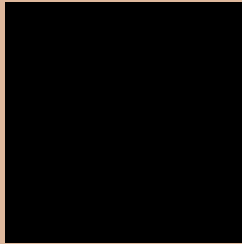
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2109, 0.3694, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 52.2109, 0.3694, 0.3621.



This preview shows how white text looks on a background with the Yxy color 52.2109, 0.3694, 0.3621.

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

52.2109, 0.3694, 0.3621

Protanopia

52.3214, 0.3471, 0.3688

Deuteranopia

52.2109, 0.3694, 0.3621



Tritanopia

52.2592, 0.3422, 0.3131

Trichromacy



Original Color

52.2109, 0.3694, 0.3621

Protanomaly

51.9904, 0.3549, 0.3657

Deuteranomaly

52.2109, 0.3694, 0.3621

Tritanomaly

52.3506, 0.3521, 0.3303

Monochromacy



Original Color

52.2109, 0.3694, 0.3621

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3464, 0.3323, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2109, 0.3694, 0.3621 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(222, 184, 156)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 156)  
}
```

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(222, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 156) }
```

Border

The CSS property to change the border of an element to Yxy 52.2109, 0.3694, 0.3621 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(222, 184, 156) }
```

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

```
.border{ border-color:rgb(222, 184, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 184, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2109, 0.3694, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 156) }
```

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

```
.background{ background-color: rgb(222,  
184, 156) }
```

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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