

Converting Colors

$Yxy(52.2751, 0.3891, 0.3618)$

Have a look what the booklet for
Yxy(52.2751, 0.3891, 0.3618)
contains.

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Color

Yxy(52.2751, 0.3891, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	ECB396
RGB	236, 179, 150
RGB Percent	93%, 70%, 59%
CMY	0.0745, 0.2980, 0.4117
CMYK	0.00, 0.24, 0.36, 0.07
HSL	20°, 69%, 76%
HSV	20°, 36%, 93%
XYZ	56.2196, 52.2751, 35.9915
YIQ	192.7370, 43.2810, 3.0650

Conversions

Conversions Part 2

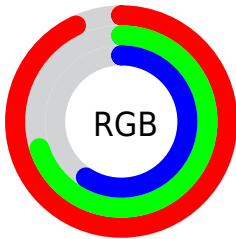
Format	Color
R _Y B	236, 194, 150
Decimal	15512470
CIE Lab	77.45, 16.93, 22.83
CIE LCh	77, 28.422, 53.431
Yxy	52.2751, 0.3891, 0.3618
Android (android.graphics.Color)	4293702550 (0xFFECB396)
YUV	192.7370, -21.0693, 37.9417
Hunter-Lab	72.3015, 12.2688, 21.0967

Details

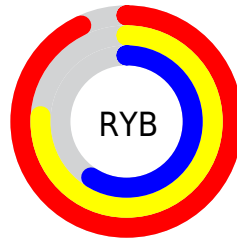
The Yxy color **52.2751, 0.3891, 0.3618** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1813, 0.2567, 0.2933**, and the grayscale version is **53.2754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0363, 0.3466, 0.3602**, and **25.2875, 0.4094, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **45.6719, 0.4184, 0.3707**, and if you desaturate by 10%, it is **59.7480, 0.3636, 0.3525**.

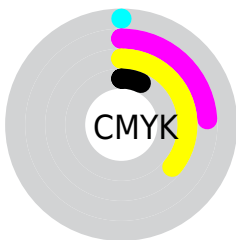
Distribution



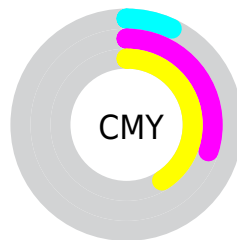
- Red (93%)
- Green (70%)
- Blue (59%)



- Red (93%)
- Yellow (76%)
- Blue (59%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2751, 0.3891, 0.3618 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 52.2751, 0.3891, 0.3618 by changing the saturation by 10% instead.


 52.2751, 0.3891,
0.3618


 52.2751, 0.3891,
0.3618

395.4977, 0.3514,
0.3469

 37.2244, 0.3983,
0.3650


 93.5368, 0.3755,
0.3568

 25.3813, 0.4099,
0.3689


 120.5166, 0.3704,
0.3548

 16.3614, 0.4251,
0.3735


152.2416, 0.3660,
0.3530

 9.7802, 0.4455,
0.3789

189.0962, 0.3623,
0.3515

 5.2535, 0.4743,
0.3849

231.4646, 0.3590,
0.3501

 2.3967, 0.5226,
0.3940

279.7315, 0.3562,

 0.8242, 0.6024,

0.3489

0.3976

334.2810, 0.3536,
0.3479

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2751, 0.3891,
0.3618

52.2751, 0.3891,
0.3618

45.6719, 0.4184,
0.3707

59.7480, 0.3636,
0.3525

39.8982, 0.4512,
0.3783

68.1143, 0.3417,
0.3432

34.9210, 0.4863,
0.3836

77.4057, 0.3231,
0.3344

30.7025, 0.5217,
0.3851

87.6504, 0.3074,
0.3261

■ 27.2008, 0.5544,
0.3819

■ 96.5734, 0.3011,
0.3290

■ 24.3685, 0.5811,
0.3737

■ 23.5036, 0.5895,
0.3702

Harmonies

Analogous

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



52.2751, 0.3796, 0.3308



52.2751, 0.3891, 0.3618



52.2751, 0.3767, 0.3869

Triad

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



52.2751, 0.3891, 0.3618



52.2751, 0.2741, 0.3586



52.2751, 0.2761, 0.2673

Complementary

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



52.2751, 0.3891, 0.3618



57.1813, 0.2567, 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.



52.2751, 0.2510, 0.2706



52.2751, 0.3891, 0.3618



52.2751, 0.2499, 0.3213

Square

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



52.2751, 0.3891, 0.3618



52.2751, 0.3095, 0.3879



52.2751, 0.2418, 0.2894



52.2751, 0.3123, 0.2785

Rectangle

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



52.2751, 0.3891, 0.3618



52.2751, 0.3584, 0.3963



52.2751, 0.2418, 0.2894



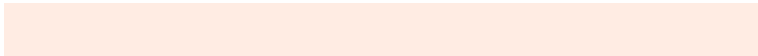
52.2751, 0.2662, 0.2667

Sweetspot

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



52.2776, 0.3891, 0.3618



87.0269, 0.3313, 0.3384



44.1763, 0.3427, 0.2665



18.3055, 0.3339, 0.3396



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.



52.2776, 0.3891, 0.3618



56.1283, 0.4115, 0.3688



72.1056, 0.3725, 0.4061



15.8837, 0.3284, 0.3370



13.1693, 0.5865, 0.3725



1.2060, 0.5597, 0.3938

Inverse Universe

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



57.1813, 0.2567, 0.2933



62.7631, 0.2455, 0.2842



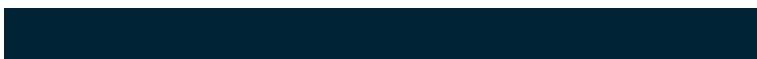
39.2212, 0.2488, 0.2376



16.2171, 0.2981, 0.3209



16.7786, 0.1931, 0.2150



1.4940, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 52.2751, 0.3891, 0.3618 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 52.2751, 0.3891, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

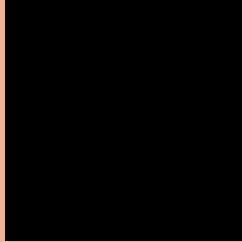
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2751, 0.3891, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 52.2751, 0.3891, 0.3618.



This preview shows how white text looks on a background with the Yxy color 52.2751, 0.3891, 0.3618.

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

52.2751, 0.3891, 0.3618

Protanopia

52.3584, 0.3504, 0.3724

Deuteranopia

52.2982, 0.3772, 0.3701



Tritanopia

52.3852, 0.3609, 0.3148

Trichromacy



Original Color

52.2751, 0.3891, 0.3618

Protanomaly

52.3208, 0.3638, 0.3687

Deuteranomaly

52.1198, 0.3816, 0.3673

Tritanomaly

52.4574, 0.3712, 0.3314

Monochromacy



Original Color

52.2751, 0.3891, 0.3618

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6961, 0.3392, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2751, 0.3891, 0.3618 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(236, 179, 150)` looks like.

```
.text, #text, p{  
    color:rgb(236, 179, 150)  
}
```

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(236, 179, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 179, 150) }
```

Border

The CSS property to change the border of an element to Yxy 52.2751, 0.3891, 0.3618 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(236, 179, 150) }
```

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

```
.border{ border-color:rgb(236, 179, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 179, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 179, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 179, 150);  
box-shadow:4px 4px 4px 4px rgb(236, 179,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2751, 0.3891, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 179, 150) }
```

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

```
.background{ background-color: rgb(236,  
179, 150) }
```

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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