

Converting Colors

$Y_{xy}(52.7856, 0.3754, 0.3624)$

Have a look what the booklet for
Yxy(52.7856, 0.3754, 0.3624)
contains.

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Color

Yxy(52.5644, 0.3751, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	E3B79B
RGB	227, 183, 155
RGB Percent	89%, 72%, 61%
CMY	0.1098, 0.2823, 0.3922
CMYK	0.00, 0.19, 0.32, 0.11
HSL	23°, 56%, 75%
HSV	23°, 32%, 89%
XYZ	54.5268, 52.5644, 38.2749
YIQ	192.9640, 35.2120, 0.6200

Conversions

Conversions Part 2

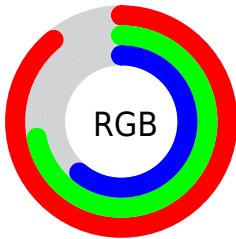
Format	Color
R_{YB}	227, 201, 155
Decimal	14923675
CIE _{Lab}	77.62, 11.94, 20.26
CIE _{LCh}	78, 23.514, 59.494
Yxy	52.5644, 0.3751, 0.3616
Android (android.graphics.Color)	4293113755 (0xFFE3B79B)
YUV	192.9640, -18.7163, 29.8496
Hunter-Lab	72.5013, 7.3691, 19.4505

Details

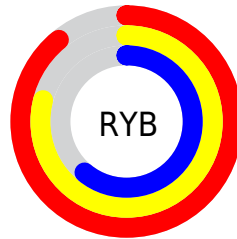
The Yxy color **52.5644, 0.3751, 0.3616** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3483, 0.2632, 0.2938**, and the grayscale version is **53.4033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6461, 0.3420, 0.3579**, and **25.5108, 0.3912, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **46.4329, 0.4014, 0.3722**, and if you desaturate by 10%, it is **59.4077, 0.3521, 0.3509**.

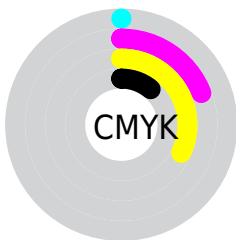
Distribution



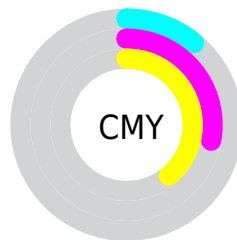
- Red (89%)
- Green (72%)
- Blue (61%)



- Red (89%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5644, 0.3751, 0.3616 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 52.5644, 0.3751, 0.3616 by changing the saturation by 10% instead.


 52.5644, 0.3751,
0.3616


 52.5644, 0.3751,
0.3616


396.6117, 0.3443,
0.3464

 37.4551, 0.3826,
0.3650


 93.9631, 0.3640,
0.3563

 25.5601, 0.3921,
0.3693


 121.0213, 0.3599,
0.3543

 16.4948, 0.4045,
0.3745


152.8313, 0.3563,
0.3525

 9.8750, 0.4213,
0.3811

189.7774, 0.3532,
0.3510

 5.3161, 0.4452,
0.3894

232.2442, 0.3506,
0.3496

 2.4339, 0.4829,
0.4007

280.6158, 0.3482,

 0.8433, 0.5702,

0.3484

0.4298

335.2769, 0.3462,
0.3473

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5644, 0.3751,
0.3616

52.5644, 0.3751,
0.3616

46.4329, 0.4014,
0.3722

59.4077, 0.3521,
0.3509

40.9817, 0.4308,
0.3818

66.9785, 0.3323,
0.3405

36.1873, 0.4627,
0.3896

75.3011, 0.3154,
0.3306

32.0220, 0.4958,
0.3942

84.3964, 0.3009,
0.3215

■ 28.4557, 0.5276,
0.3944

■ 93.3852, 0.2958,
0.3263

■ 25.4547, 0.5556,
0.3893

■ 95.0706, 0.2958,
0.3290

■ 23.3650, 0.5749,
0.3817

Harmonies

Analogous

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



52.5644, 0.3708, 0.3363



52.5644, 0.3751, 0.3616



52.5644, 0.3618, 0.3801

Triad

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



52.5644, 0.3751, 0.3616



52.5644, 0.2758, 0.3474



52.5644, 0.2880, 0.2784

Complementary

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



52.5644, 0.3751, 0.3616



53.3483, 0.2632, 0.2938

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.



52.5644, 0.2646, 0.2788



52.5644, 0.3751, 0.3616



52.5644, 0.2578, 0.3171

Square

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



52.5644, 0.3751, 0.3616



52.5644, 0.3040, 0.3733



52.5644, 0.2539, 0.2923



52.5644, 0.3191, 0.2899

Rectangle

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



52.5644, 0.3751, 0.3616



52.5644, 0.3453, 0.3853



52.5644, 0.2539, 0.2923



52.5644, 0.2790, 0.2771

Sweetspot

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



52.5668, 0.3751, 0.3616



88.9261, 0.3293, 0.3388



43.9099, 0.3411, 0.2787



18.7180, 0.3319, 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.



52.5668, 0.3751, 0.3616



63.1251, 0.3918, 0.3685



69.1495, 0.3631, 0.3997



15.2832, 0.3283, 0.3382



13.8374, 0.5723, 0.3838



1.1987, 0.5452, 0.4053

Inverse Universe

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



53.3483, 0.2632, 0.2938



64.2759, 0.2532, 0.2852



38.8447, 0.2576, 0.2468



15.3453, 0.2981, 0.3196



14.1800, 0.1879, 0.1966



1.2271, 0.1939, 0.2180

Previews

White Background



This preview shows how the Yxy color 52.5644, 0.3751, 0.3616 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 52.5644, 0.3751, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

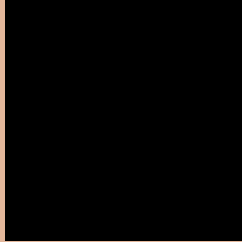
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5644, 0.3751, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 52.5644, 0.3751, 0.3616.



This preview shows how white text looks on a background with the Yxy color 52.5644, 0.3751, 0.3616.

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

52.5644, 0.3751, 0.3616

Protanopia

52.8990, 0.3477, 0.3699

Deuteranopia

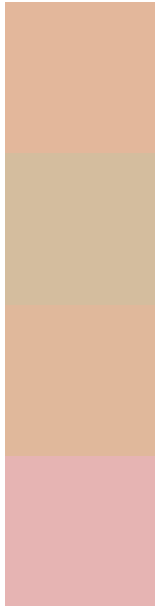
52.3355, 0.3711, 0.3631



Tritanopia

52.6355, 0.3476, 0.3133

Trichromacy



Original Color

52.5644, 0.3751, 0.3616

Protanomaly

52.8609, 0.3572, 0.3665

Deuteranomaly

52.4948, 0.3720, 0.3630

Tritanomaly

52.7202, 0.3577, 0.3303

Monochromacy



Original Color

52.5644, 0.3751, 0.3616

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6290, 0.3340, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5644, 0.3751, 0.3616 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(227, 183, 155)` looks like.

```
.text, #text, p{  
    color:rgb(227, 183, 155)  
}
```

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(227, 183, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 183, 155) }
```

Border

The CSS property to change the border of an element to Yxy 52.5644, 0.3751, 0.3616 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(227, 183, 155) }
```

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

```
.border{ border-color:rgb(227, 183, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 183, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 183, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 183, 155);  
box-shadow:4px 4px 4px 4px rgb(227, 183,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5644, 0.3751, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 183, 155) }
```

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

```
.background{ background-color: rgb(227,  
183, 155) }
```

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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