

Converting Colors

Yxy(52.5649, 0.3606, 0.3419)

Have a look what the booklet for
Yxy(52.5649, 0.3606, 0.3419)
contains.

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Color

Yxy(52.5649, 0.3606, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	E2B6AB
RGB	226, 182, 171
RGB Percent	89%, 71%, 67%
CMY	0.1137, 0.2862, 0.3295
CMYK	0.00, 0.19, 0.24, 0.11
HSL	12°, 49%, 78%
HSV	12°, 24%, 89%
XYZ	55.4399, 52.5649, 45.7387
YIQ	193.9020, 29.7550, 5.9070

Conversions

Conversions Part 2

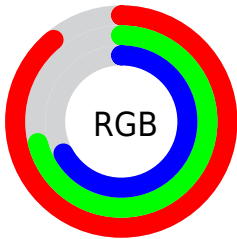
Format	Color
R _Y B	226, 185, 171
Decimal	14857899
CIE Lab	77.62, 14.24, 11.62
CIE LCh	78, 18.382, 39.221
Yxy	52.5649, 0.3606, 0.3419
Android (android.graphics.Color)	4293047979 (0xFFE2B6AB)
YUV	193.9020, -11.2907, 28.1499
Hunter-Lab	72.5017, 9.6159, 13.3472

Details

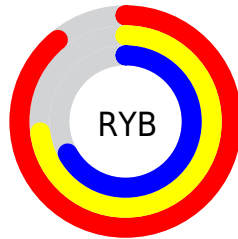
The Yxy color **52.5649, 0.3606, 0.3419** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.7278, 0.2758, 0.3157**, and the grayscale version is **53.9429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9001, 0.3317, 0.3409**, and **25.5785, 0.3738, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **44.8484, 0.3875, 0.3475**, and if you desaturate by 10%, it is **61.3883, 0.3382, 0.3364**.

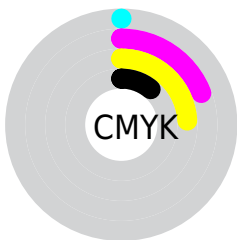
Distribution



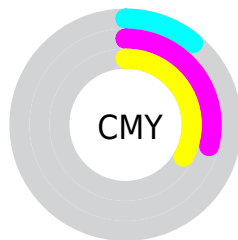
- Red (89%)
- Green (71%)
- Blue (67%)



- Red (89%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5649, 0.3606, 0.3419 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 52.5649, 0.3606, 0.3419 by changing the saturation by 10% instead.

 52.5649, 0.3606,
0.3419

 52.5649, 0.3606,
0.3419


396.6136, 0.3369,
0.3360

 37.4555, 0.3664,
0.3432


 93.9638, 0.3521,
0.3399

 25.5604, 0.3738,
0.3448


121.0222, 0.3488,
0.3391

 16.4951, 0.3836,
0.3467


152.8323, 0.3461,
0.3384

 9.8751, 0.3970,
0.3491

189.7786, 0.3438,
0.3378

 5.3163, 0.4165,
0.3520

232.2455, 0.3417,
0.3373

 2.4340, 0.4472,
0.3552

280.6174, 0.3399,

 0.8433, 0.5560,

0.3368

0.3946

335.2786, 0.3383,
0.3364

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5649, 0.3606,
0.3419

52.5649, 0.3606,
0.3419

44.8484, 0.3875,
0.3475

61.3883, 0.3382,
0.3364

38.1880, 0.4193,
0.3529

71.3528, 0.3197,
0.3312

32.5392, 0.4561,
0.3575

82.4997, 0.3044,
0.3263

27.8518, 0.4966,
0.3604

94.4491, 0.2952,
0.3282

■ 24.0712, 0.5382,
0.3606

■ 94.9083, 0.2952,
0.3289

■ 21.1369, 0.5766,
0.3574

■ 18.9805, 0.6066,
0.3508

■ 18.0699, 0.6194,
0.3464

Harmonies

Analogous

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



52.5649, 0.3482, 0.3210



52.5649, 0.3606, 0.3419



52.5649, 0.3595, 0.3605

Triad

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



52.5649, 0.3606, 0.3419



52.5649, 0.2983, 0.3576



52.5649, 0.2799, 0.2882

Complementary

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



52.5649, 0.3606, 0.3419



62.7278, 0.2758, 0.3157

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.



52.5649, 0.2678, 0.2958



52.5649, 0.3606, 0.3419



52.5649, 0.2781, 0.3359

Square

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



52.5649, 0.3606, 0.3419



52.5649, 0.3230, 0.3709



52.5649, 0.2671, 0.3130



52.5649, 0.3010, 0.2909

Rectangle

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



52.5649, 0.3606, 0.3419



52.5649, 0.3514, 0.3690



52.5649, 0.2671, 0.3130



52.5649, 0.2747, 0.2896

Sweetspot

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



52.5673, 0.3606, 0.3419



90.1339, 0.3244, 0.3325



50.1904, 0.3245, 0.2800



19.1180, 0.3255, 0.3328



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.



52.5673, 0.3606, 0.3419



64.0242, 0.3730, 0.3446



64.9496, 0.3534, 0.3724



14.1434, 0.3287, 0.3338



10.4433, 0.6170, 0.3483



0.8503, 0.5879, 0.3714

Inverse Universe

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



62.7278, 0.2758, 0.3157



79.4698, 0.2689, 0.3127



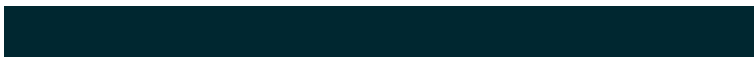
49.8912, 0.2729, 0.2814



15.0809, 0.2982, 0.3242



22.0833, 0.2066, 0.2636



1.6507, 0.2097, 0.2748

Previews

White Background



This preview shows how the Yxy color 52.5649, 0.3606, 0.3419 looks on a white background.

Color Contrast Check

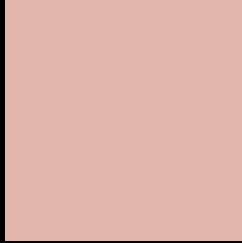
Large Text (above 18pt) WCAG AA × Fail

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 52.5649, 0.3606, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

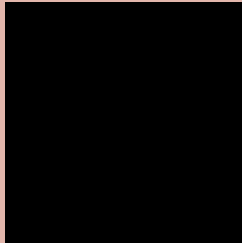
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5649, 0.3606, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 52.5649, 0.3606, 0.3419.



This preview shows how white text looks on a background with the Yxy color 52.5649, 0.3606, 0.3419.

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

52.5649, 0.3606, 0.3419

Protanopia

52.5383, 0.3310, 0.3476

Deuteranopia

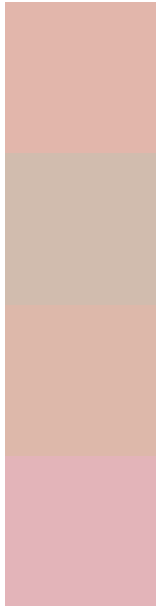
52.5056, 0.3536, 0.3469



Tritanopia

52.5844, 0.3439, 0.3132

Trichromacy



Original Color

52.5649, 0.3606, 0.3419

Protanomaly

52.5777, 0.3417, 0.3460

Deuteranomaly

52.5554, 0.3565, 0.3456

Tritanomaly

52.4762, 0.3498, 0.3234

Monochromacy



Original Color

52.5649, 0.3606, 0.3419

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4939, 0.3291, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5649, 0.3606, 0.3419 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(226, 182, 171)` looks like.

```
.text, #text, p{  
  color:rgb(226, 182, 171)  
}
```

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(226, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 171) }
```

Border

The CSS property to change the border of an element to Yxy 52.5649, 0.3606, 0.3419 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(226, 182, 171) }
```

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

```
.border{ border-color:rgb(226, 182, 171) }
```

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

Here you see how a box with a 4 pixel rgb(226, 182, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5649, 0.3606, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 171) }
```

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

```
.background{ background-color: rgb(226,  
182, 171) }
```

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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