

Converting Colors

Yxy(54.3050, 0.3600, 0.3451)

Have a look what the booklet for
Yxy(54.3050, 0.3600, 0.3451)
contains.

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Color

Yxy(54.4273, 0.3595, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	E3BAAC
RGB	227, 186, 172
RGB Percent	89%, 73%, 67%
CMY	0.1099, 0.2706, 0.3254
CMYK	0.00, 0.18, 0.24, 0.11
HSL	15°, 50%, 78%
HSV	15°, 24%, 89%
XYZ	56.6820, 54.4273, 46.5596
YIQ	196.6630, 28.9300, 4.3380

Conversions

Conversions Part 2

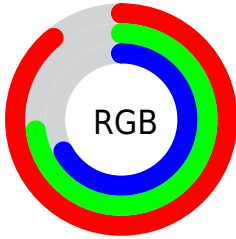
Format	Color
R _Y B	227, 191, 172
Decimal	14924460
CIE Lab	78.71, 12.63, 12.62
CIE LCh	79, 17.850, 44.976
Yxy	54.4273, 0.3595, 0.3452
Android (android.graphics.Color)	4293114540 (0xFFE3BAAC)
YUV	196.6630, -12.1589, 26.6055
Hunter-Lab	73.7749, 8.0373, 14.2242

Details

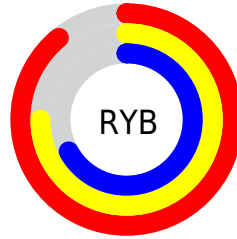
The Yxy color $54.4273, 0.3595, 0.3452$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $61.9071, 0.2757, 0.3122$, and the grayscale version is $55.6842, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.3103, 0.3306, 0.3438$, and $26.7891, 0.3721, 0.3488$ is the 20% darker color. If you saturate the color by 10%, you get $46.9171, 0.3854, 0.3523$, and if you desaturate by 10%, it is $62.9360, 0.3377, 0.3382$.

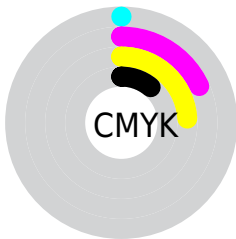
Distribution



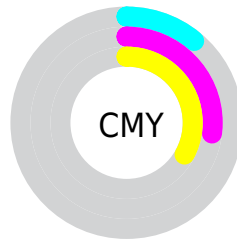
- Red (89%)
- Green (73%)
- Blue (67%)



- Red (89%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4273, 0.3595, 0.3452 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 54.4273, 0.3595, 0.3452 by changing the saturation by 10% instead.


 54.4273, 0.3595,
0.3452

 54.4273, 0.3595,
0.3452


403.7373, 0.3365,
0.3377

 38.9434, 0.3651,
0.3469

 96.7014, 0.3512,
0.3426

 26.7157, 0.3722,
0.3489


124.2603, 0.3481,
0.3416

 17.3598, 0.3815,
0.3515


156.6130, 0.3455,
0.3408

 10.4914, 0.3942,
0.3547

194.1439, 0.3432,
0.3400

 5.7259, 0.4126,
0.3588

237.2374, 0.3412,
0.3393

 2.6792, 0.4412,
0.3640

286.2779, 0.3394,

 0.9666, 0.5313,

0.3387

0.3994

341.6497, 0.3379,
0.3382

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4273, 0.3595,
0.3452

54.4273, 0.3595,
0.3452

46.9171, 0.3854,
0.3523

62.9360, 0.3377,
0.3382

40.3608, 0.4159,
0.3592

72.4705, 0.3195,
0.3316

34.7219, 0.4507,
0.3651

83.0666, 0.3043,
0.3255

29.9580, 0.4889,
0.3691

94.2421, 0.2958,
0.3277

■ 26.0238, 0.5283,
0.3701

■ 95.0684, 0.2958,
0.3290

■ 22.8691, 0.5651,
0.3672

■ 20.4379, 0.5951,
0.3600

■ 19.3301, 0.6088,
0.3548

Harmonies

Analogous

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



54.4273, 0.3499, 0.3252



54.4273, 0.3595, 0.3452



54.4273, 0.3559, 0.3620

Triad

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



54.4273, 0.3595, 0.3452



54.4273, 0.2947, 0.3529



54.4273, 0.2846, 0.2895

Complementary

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



54.4273, 0.3595, 0.3452



61.9071, 0.2757, 0.3122

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.



54.4273, 0.2710, 0.2950



54.4273, 0.3595, 0.3452



54.4273, 0.2766, 0.3313

Square

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



54.4273, 0.3595, 0.3452



54.4273, 0.3180, 0.3676



54.4273, 0.2681, 0.3100



54.4273, 0.3060, 0.2939

Rectangle

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



54.4273, 0.3595, 0.3452



54.4273, 0.3467, 0.3690



54.4273, 0.2681, 0.3100



54.4273, 0.2790, 0.2902

Sweetspot

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



54.4298, 0.3595, 0.3452



90.7043, 0.3243, 0.3335



50.6595, 0.3268, 0.2831



19.2497, 0.3254, 0.3339



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.



54.4298, 0.3595, 0.3452



65.8452, 0.3719, 0.3487



67.0196, 0.3525, 0.3751



14.9610, 0.3286, 0.3350



11.4332, 0.6063, 0.3568



0.9911, 0.5777, 0.3795

Inverse Universe

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



61.9071, 0.2757, 0.3122



77.1462, 0.2684, 0.3083



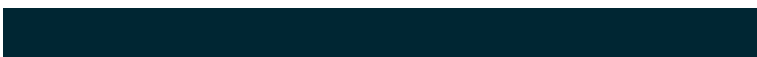
49.3375, 0.2728, 0.2782



15.6828, 0.2981, 0.3229



20.0314, 0.2013, 0.2446



1.6267, 0.2051, 0.2584

Previews

White Background



This preview shows how the Yxy color 54.4273, 0.3595, 0.3452 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 54.4273, 0.3595, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

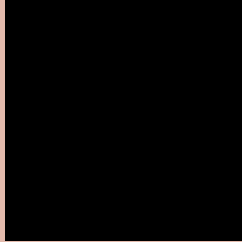
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4273, 0.3595, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 54.4273, 0.3595, 0.3452.



This preview shows how white text looks on a background with the Yxy color 54.4273, 0.3595, 0.3452.

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

54.4273, 0.3595, 0.3452

Protanopia

54.4147, 0.3339, 0.3510

Deuteranopia

54.4746, 0.3546, 0.3478



Tritanopia

54.3101, 0.3418, 0.3123

Trichromacy



Original Color

54.4273, 0.3595, 0.3452

Protanomaly

54.3538, 0.3429, 0.3482

Deuteranomaly

54.3665, 0.3566, 0.3465

Tritanomaly

54.1558, 0.3483, 0.3234

Monochromacy



Original Color

54.4273, 0.3595, 0.3452

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1807, 0.3288, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4273, 0.3595, 0.3452 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, 186, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 172)  
}
```

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, 186, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 172) }
```

Border

The CSS property to change the border of an element to Yxy 54.4273, 0.3595, 0.3452 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, 186, 172) }
```

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

```
.border{ border-color:rgb(227, 186, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 186, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 186, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 186, 172);  
box-shadow:4px 4px 4px 4px rgb(227, 186,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4273, 0.3595, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 172) }
```

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

```
.background{ background-color: rgb(227,  
186, 172) }
```

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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