

Converting Colors

Yxy(57.1128, 0.3744, 0.3456)

Have a look what the booklet for
Yxy(57.1128, 0.3744, 0.3456)
contains.

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Color

Yxy(57.1128, 0.3744, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	F3BAAB
RGB	243, 186, 171
RGB Percent	95%, 73%, 67%
CMY	0.0470, 0.2706, 0.3296
CMYK	0.00, 0.23, 0.30, 0.05
HSL	13°, 75%, 81%
HSV	13°, 30%, 95%
XYZ	61.8722, 57.1128, 46.2719
YIQ	201.3330, 38.7870, 7.4190

Conversions

Conversions Part 2

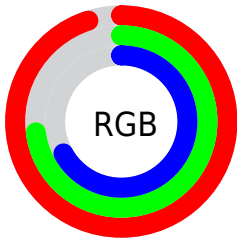
Format	Color
R _Y B	243, 190, 171
Decimal	15973035
CIE Lab	80.24, 18.49, 15.57
CIE LCh	80, 24.175, 40.096
Yxy	57.1128, 0.3744, 0.3456
Android (android.graphics.Color)	4294163115 (0xFFF3BAAB)
YUV	201.3330, -14.9542, 36.5420
Hunter-Lab	75.5730, 13.8865, 16.5989

Details

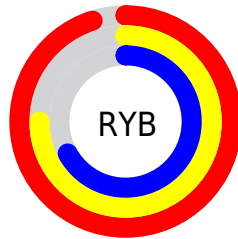
The Yxy color **57.1128, 0.3744, 0.3456** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5974, 0.2680, 0.3116**, and the grayscale version is **58.7032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2552, 0.3313, 0.3448**, and **28.5461, 0.3908, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **48.7084, 0.4039, 0.3514**, and if you desaturate by 10%, it is **66.7831, 0.3497, 0.3397**.

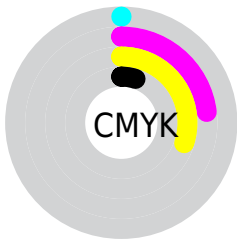
Distribution



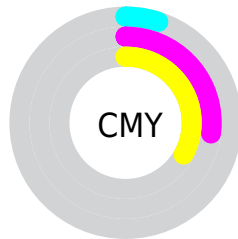
- Red (95%)
- Green (73%)
- Blue (67%)



- Red (95%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1128, 0.3744, 0.3456 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 57.1128, 0.3744, 0.3456 by changing the saturation by 10% instead.


 57.1128, 0.3744,
0.3456

 57.1128, 0.3744,
0.3456


413.8719, 0.3443,
0.3383

 41.0958, 0.3817,
0.3471


 100.6298, 0.3637,
0.3432

 28.3940, 0.3908,
0.3489


128.8985, 0.3596,
0.3422

 18.6228, 0.4028,
0.3510


162.0200, 0.3561,
0.3414

 11.3981, 0.4189,
0.3535

200.3786, 0.3531,
0.3406

 6.3353, 0.4418,
0.3562

244.3587, 0.3505,
0.3399

 3.0500, 0.4765,
0.3584

294.3446, 0.3482,

 1.1579, 0.5707,

0.3393

0.3812

350.7209, 0.3461,
0.3388

0.0269, 0.9466,
0.0534

0.0000, 0.0000,
0.0000

57.1128, 0.3744,
0.3456

57.1128, 0.3744,
0.3456

48.7084, 0.4039,
0.3514

66.7831, 0.3497,
0.3397

41.5093, 0.4384,
0.3567

77.7607, 0.3291,
0.3341

35.4617, 0.4773,
0.3606

90.0951, 0.3122,
0.3288

30.5049, 0.5187,
0.3623

97.7971, 0.3054,
0.3290

■ 26.5718, 0.5590,
0.3607

■ 23.5880, 0.5933,
0.3554

■ 21.4622, 0.6178,
0.3473

■ 21.4012, 0.6185,
0.3471

Harmonies

Analogous

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



57.1128, 0.3589, 0.3194



57.1128, 0.3744, 0.3456



57.1128, 0.3723, 0.3693

Triad

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



57.1128, 0.3744, 0.3456



57.1128, 0.2932, 0.3653



57.1128, 0.2716, 0.2772

Complementary

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



57.1128, 0.3744, 0.3456



70.5974, 0.2680, 0.3116

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.



57.1128, 0.2561, 0.2861



57.1128, 0.3744, 0.3456



57.1128, 0.2680, 0.3366

Square

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



57.1128, 0.3744, 0.3456



57.1128, 0.3245, 0.3830



57.1128, 0.2547, 0.3073



57.1128, 0.2985, 0.2812

Rectangle

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



57.1128, 0.3744, 0.3456



57.1128, 0.3614, 0.3804



57.1128, 0.2547, 0.3073



57.1128, 0.2650, 0.2787

Sweetspot

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



57.1155, 0.3744, 0.3456



87.5653, 0.3280, 0.3338



53.8041, 0.3278, 0.2688



18.3373, 0.3307, 0.3346



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.



57.1155, 0.3744, 0.3456



57.5165, 0.3928, 0.3494



73.9194, 0.3636, 0.3825



17.0429, 0.3288, 0.3340



11.8997, 0.6161, 0.3490



1.1880, 0.5929, 0.3674

Inverse Universe

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



70.5974, 0.2680, 0.3116



74.9244, 0.2590, 0.3073



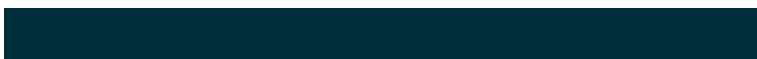
53.0795, 0.2632, 0.2690



18.1360, 0.2980, 0.3239



24.5095, 0.2057, 0.2604



2.2981, 0.2083, 0.2700

Previews

White Background



This preview shows how the Yxy color 57.1128, 0.3744, 0.3456 looks on a white background.

Color Contrast Check

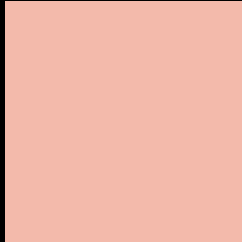
Large Text (above 18pt) WCAG AA × Fail

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 57.1128, 0.3744, 0.3456 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 57.1128, 0.3744, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 57.1128, 0.3744, 0.3456.



This preview shows how white text looks on a background with the Yxy color 57.1128, 0.3744, 0.3456.

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

57.1128, 0.3744, 0.3456

Protanopia

57.4311, 0.3364, 0.3554

Deuteranopia

57.2596, 0.3613, 0.3542



Tritanopia

57.0342, 0.3564, 0.3141

Trichromacy



Original Color

57.1128, 0.3744, 0.3456

Protanomaly

57.0509, 0.3499, 0.3511

Deuteranomaly

57.2216, 0.3662, 0.3516

Tritanomaly

56.8673, 0.3631, 0.3248

Monochromacy



Original Color

57.1128, 0.3744, 0.3456

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7965, 0.3335, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1128, 0.3744, 0.3456 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(243, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(243, 186, 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(243, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 186, 171) }
```

Border

The CSS property to change the border of an element to Yxy 57.1128, 0.3744, 0.3456 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(243, 186, 171) }
```

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

```
.border{ border-color:rgb(243, 186, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 186, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 186, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 186, 171);  
box-shadow:4px 4px 4px 4px rgb(243, 186,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1128, 0.3744, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 186, 171) }
```

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

```
.background{ background-color: rgb(243,  
186, 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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