

Converting Colors

Yxy(56.9469, 0.3746, 0.3352)

Have a look what the booklet for
Yxy(56.9469, 0.3746, 0.3352)
contains.

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Color

Yxy(56.9978, 0.3744, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	F8B7B1
RGB	248, 183, 177
RGB Percent	97%, 72%, 69%
CMY	0.0274, 0.2824, 0.3058
CMYK	0.00, 0.26, 0.29, 0.03
HSL	5°, 84%, 83%
HSV	5°, 29%, 97%
XYZ	63.5875, 56.9978, 49.2532
YIQ	201.7510, 40.6660, 11.9140

Conversions

Conversions Part 2

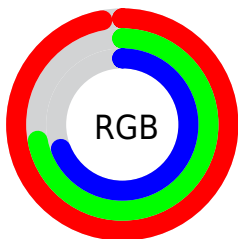
Format	Color
R _Y B	248, 184, 177
Decimal	16299953
CIE Lab	80.18, 22.74, 12.30
CIE LCh	80, 25.852, 28.402
Yxy	56.9978, 0.3744, 0.3356
Android (android.graphics.Color)	4294490033 (0xFFFF8B7B1)
YUV	201.7510, -12.2022, 40.5604
Hunter-Lab	75.4969, 18.2227, 14.1678

Details

The Yxy color **56.9978, 0.3744, 0.3356** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6574, 0.2704, 0.3223**, and the grayscale version is **58.9606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8762, 0.3272, 0.3349**, and **28.3676, 0.3910, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **47.4738, 0.4060, 0.3380**, and if you desaturate by 10%, it is **68.2188, 0.3485, 0.3332**.

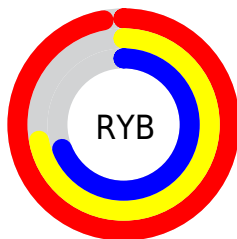
Distribution



Red (97%)

Green (72%)

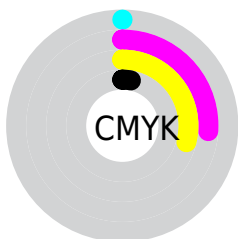
Blue (69%)



Red (97%)

Yellow (72%)

Blue (69%)

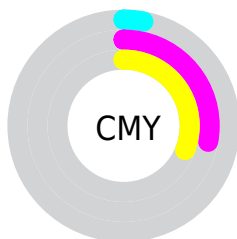


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (3%)



Cyan (3%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9978, 0.3744, 0.3356 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 56.9978, 0.3744, 0.3356 by changing the saturation by 10% instead.


 56.9978, 0.3744,
0.3356

 56.9978, 0.3744,
0.3356


413.4411, 0.3443,
0.3331

 41.0035, 0.3817,
0.3360


 100.4620, 0.3636,
0.3349

 28.3218, 0.3909,
0.3364


128.7006, 0.3595,
0.3345

 18.5684, 0.4029,
0.3367


161.7895, 0.3561,
0.3342

 11.3588, 0.4191,
0.3368

200.1130, 0.3531,
0.3340

 6.3087, 0.4423,
0.3363

244.0555, 0.3504,
0.3337

 3.0337, 0.4777,
0.3341

294.0014, 0.3481,

 1.1494, 0.5555,

0.3335

0.3369

350.3351, 0.3461,
0.3333

0.0197, 0.9667,
0.0333

0.0000, 0.0000,
0.0000

56.9978, 0.3744,
0.3356

56.9978, 0.3744,
0.3356

47.4738, 0.4060,
0.3380

68.2188, 0.3485,
0.3332

39.5567, 0.4437,
0.3401

81.2053, 0.3276,
0.3309

33.1601, 0.4869,
0.3416

96.0319, 0.3106,
0.3287

28.1864, 0.5330,
0.3420

98.7004, 0.3084,
0.3290

■ 24.5264, 0.5770,
0.3408

■ 22.0554, 0.6120,
0.3380

■ 20.6211, 0.6331,
0.3342

■ 20.4925, 0.6352,
0.3339

Harmonies

Analogous

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



56.9978, 0.3514, 0.3084



56.9978, 0.3744, 0.3356



56.9978, 0.3797, 0.3627

Triad

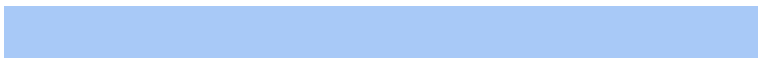
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.9978, 0.3744, 0.3356



56.9978, 0.3045, 0.3773



56.9978, 0.2607, 0.2757

Complementary

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



56.9978, 0.3744, 0.3356



79.6574, 0.2704, 0.3223

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.



56.9978, 0.2499, 0.2904



56.9978, 0.3744, 0.3356



56.9978, 0.2741, 0.3499

Square

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



56.9978, 0.3744, 0.3356



56.9978, 0.3382, 0.3894



56.9978, 0.2546, 0.3173



56.9978, 0.2852, 0.2748

Rectangle

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



56.9978, 0.3744, 0.3356



56.9978, 0.3725, 0.3775



56.9978, 0.2546, 0.3173



56.9978, 0.2554, 0.2791

Sweetspot

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



57.0005, 0.3744, 0.3356



85.9247, 0.3283, 0.3310



57.8283, 0.3206, 0.2630



17.9366, 0.3311, 0.3313



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.



57.0005, 0.3744, 0.3356



54.9926, 0.3908, 0.3369



73.5047, 0.3640, 0.3725



17.4600, 0.3292, 0.3311



11.1478, 0.6338, 0.3349



1.1103, 0.6203, 0.3456

Inverse Universe

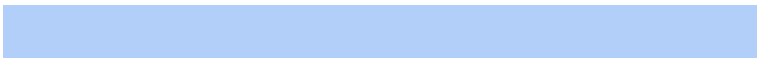
The Inverse Universe completely reimagines the original color for something new.



79.6574, 0.2704, 0.3223



82.5280, 0.2633, 0.3208



60.5607, 0.2661, 0.2812



19.3438, 0.2980, 0.3269



33.4757, 0.2173, 0.3024



3.1720, 0.2183, 0.3058

Previews

White Background



This preview shows how the Yxy color 56.9978, 0.3744, 0.3356 looks on a white background.

Color Contrast Check

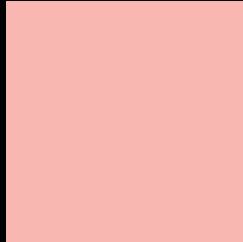
Large Text (above 18pt) WCAG AA × Fail

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 56.9978, 0.3744, 0.3356 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 56.9978, 0.3744, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 56.9978, 0.3744, 0.3356.



This preview shows how white text looks on a background with the Yxy color 56.9978, 0.3744, 0.3356.

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

56.9978, 0.3744, 0.3356

Protanopia

57.0128, 0.3288, 0.3446

Deuteranopia

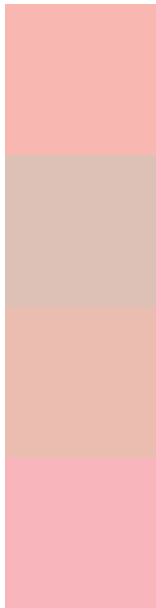
57.1253, 0.3555, 0.3485



Tritanopia

56.8616, 0.3620, 0.3143

Trichromacy



Original Color

56.9978, 0.3744, 0.3356

Protanomaly

56.8895, 0.3445, 0.3418

Deuteranomaly

57.1919, 0.3623, 0.3437

Tritanomaly

56.8183, 0.3661, 0.3217

Monochromacy



Original Color

56.9978, 0.3744, 0.3356

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.9405, 0.3337, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9978, 0.3744, 0.3356 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(248, 183, 177)` looks like.

```
.text, #text, p{  
    color:rgb(248, 183, 177)  
}
```

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(248, 183, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 183, 177) }
```

Border

The CSS property to change the border of an element to Yxy 56.9978, 0.3744, 0.3356 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(248, 183, 177) }
```

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

```
.border{ border-color:rgb(248, 183, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 183, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 183, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 183, 177);  
box-shadow:4px 4px 4px 4px rgb(248, 183,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9978, 0.3744, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 183, 177) }
```

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

```
.background{ background-color: rgb(248,  
183, 177) }
```

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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