

Converting Colors

Yxy(57.0946, 0.3569, 0.3128)

Have a look what the booklet for
Yxy(57.0946, 0.3569, 0.3128)
contains.

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Color

Yxy(56.8531, 0.3566, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	F7B5C5
RGB	247, 181, 197
RGB Percent	97%, 71%, 77%
CMY	0.0313, 0.2902, 0.2276
CMYK	0.00, 0.27, 0.20, 0.03
HSL	345°, 81%, 84%
HSV	345°, 27%, 97%
XYZ	64.9594, 56.8531, 60.3506
YIQ	202.5580, 34.2000, 18.9680

Conversions

Conversions Part 2

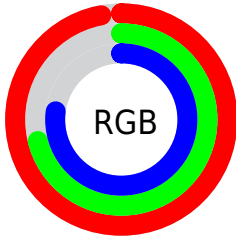
Format	Color
R _Y B	247, 181, 197
Decimal	16233925
CIE Lab	80.10, 26.21, 1.40
CIE LCh	80, 26.251, 3.051
Yxy	56.8531, 0.3566, 0.3121
Android (android.graphics.Color)	4294424005 (0xFF7B5C5)
YUV	202.5580, -2.7401, 38.9756
Hunter-Lab	75.4010, 21.8293, 5.3252

Details

The Yxy color **56.8531, 0.3566, 0.3121** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1262, 0.2818, 0.3467**, and the grayscale version is **59.4317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9841, 0.3141, 0.3126**, and **28.3687, 0.3688, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **46.8792, 0.3803, 0.3055**, and if you desaturate by 10%, it is **68.7197, 0.3372, 0.3187**.

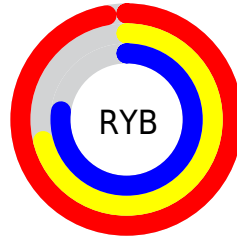
Distribution



Red (97%)

Green (71%)

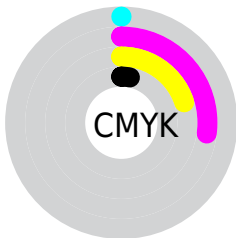
Blue (77%)



Red (97%)

Yellow (71%)

Blue (77%)

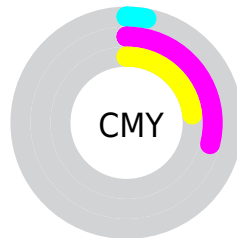


Cyan (0%)

Magenta (27%)

Yellow (20%)

Black (3%)



Cyan (3%)


Magenta (29%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8531, 0.3566, 0.3121 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 56.8531, 0.3566, 0.3121 by changing the saturation by 10% instead.


 56.8531, 0.3566,
0.3121

 56.8531, 0.3566,
0.3121

412.8986, 0.3353,
0.3204

 40.8873, 0.3617,
0.3101


 100.2508, 0.3490,
0.3151

 28.2310, 0.3682,
0.3076


128.4515, 0.3461,
0.3162

 18.4999, 0.3765,
0.3042


161.4993, 0.3437,
0.3171

 11.3095, 0.3879,
0.2997

199.7786, 0.3416,
0.3180

 6.2754, 0.4041,
0.2932

243.6738, 0.3397,
0.3187

 3.0133, 0.4291,
0.2830

293.5693, 0.3381,

 1.1387, 0.4723,

0.3193

0.2651

349.8494, 0.3366,
0.3199

0.0107, 0.9838,
0.0162

0.0000, 0.0000,
0.0000

56.8531, 0.3566,
0.3121

56.8531, 0.3566,
0.3121

46.8792, 0.3803,
0.3055

68.7197, 0.3372,
0.3187

38.6921, 0.4089,
0.2993

82.5619, 0.3215,
0.3250

32.1876, 0.4426,
0.2943

98.3979, 0.3088,
0.3308

27.2475, 0.4804,
0.2915

98.5165, 0.3078,
0.3290

■ 23.7379, 0.5203,
0.2919

■ 21.5023, 0.5586,
0.2964

■ 20.3439, 0.5907,
0.3048

■ 20.0997, 0.5997,
0.3077

Harmonies

Analogous

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



56.8531, 0.3238, 0.2889



56.8531, 0.3566, 0.3121



56.8531, 0.3775, 0.3401

Triad

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



56.8531, 0.3566, 0.3121



56.8531, 0.3334, 0.3898



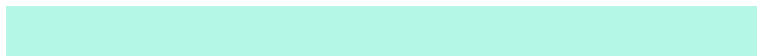
56.8531, 0.2496, 0.2866

Complementary

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



56.8531, 0.3566, 0.3121



82.1262, 0.2818, 0.3467

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.



56.8531, 0.2519, 0.3122



56.8531, 0.3566, 0.3121



56.8531, 0.2991, 0.3747

Square

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



56.8531, 0.3566, 0.3121



56.8531, 0.3632, 0.3860



56.8531, 0.2696, 0.3451



56.8531, 0.2629, 0.2738

Rectangle

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



56.8531, 0.3566, 0.3121



56.8531, 0.3813, 0.3586



56.8531, 0.2696, 0.3451



56.8531, 0.2486, 0.2939

Sweetspot

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



56.8557, 0.3566, 0.3121



86.7114, 0.3234, 0.3242



56.6735, 0.3029, 0.2597



18.0591, 0.3256, 0.3233



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.



56.8557, 0.3566, 0.3121



55.1568, 0.3687, 0.3086



63.2759, 0.3660, 0.3468



16.5482, 0.3255, 0.3233



10.6474, 0.5957, 0.3055



0.9513, 0.5609, 0.2864

Inverse Universe

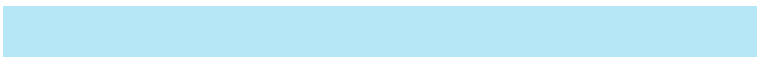
The Inverse Universe completely reimagines the original color for something new.



56.8557, 0.3566, 0.3121



55.1568, 0.3687, 0.3086



73.4188, 0.2718, 0.3104



16.5482, 0.3255, 0.3233



10.6474, 0.5957, 0.3055



0.9513, 0.5609, 0.2864

Previews

White Background



This preview shows how the Yxy color 56.8531, 0.3566, 0.3121 looks on a white background.

Color Contrast Check

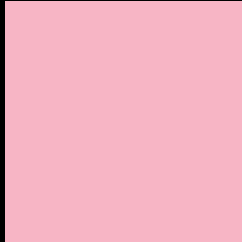
Large Text (above 18pt) WCAG AA × Fail

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 56.8531, 0.3566, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

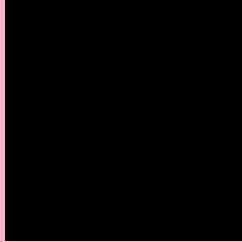
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8531, 0.3566, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 56.8531, 0.3566, 0.3121.



This preview shows how white text looks on a background with the Yxy color 56.8531, 0.3566, 0.3121.

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

56.8531, 0.3566, 0.3121

Protanopia

57.1725, 0.3078, 0.3183

Deuteranopia

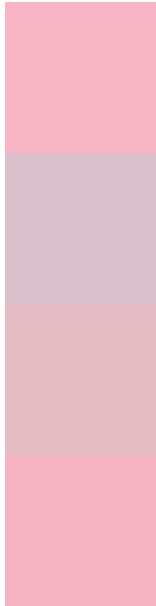
56.8550, 0.3334, 0.3256



Tritanopia

56.7620, 0.3583, 0.3142

Trichromacy



Original Color

56.8531, 0.3566, 0.3121

Protanomaly

56.7628, 0.3247, 0.3164

Deuteranomaly

56.7750, 0.3416, 0.3201

Tritanomaly

56.8074, 0.3574, 0.3131

Monochromacy



Original Color

56.8531, 0.3566, 0.3121

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.3073, 0.3275, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8531, 0.3566, 0.3121 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(247, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 197)  
}
```

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(247, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 197) }
```

Border

The CSS property to change the border of an element to Yxy 56.8531, 0.3566, 0.3121 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(247, 181, 197) }
```

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

```
.border{ border-color:rgb(247, 181, 197) }
```

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

Here you see how a box with a 4 pixel rgb(247, 181, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(247, 181,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8531, 0.3566, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 197) }
```

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

```
.background{ background-color: rgb(247,  
181, 197) }
```

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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