

Converting Colors

$Y_{xy}(56.7862, 0.3965, 0.3574)$

Have a look what the booklet for
Yxy(56.7862, 0.3965, 0.3574)
contains.

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Color

Yxy(56.9627, 0.3963, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	FCB79C
RGB	252, 183, 156
RGB Percent	99%, 72%, 61%
CMY	0.0118, 0.2823, 0.3882
CMYK	0.00, 0.27, 0.38, 0.01
HSL	17°, 94%, 80%
HSV	17°, 38%, 99%
XYZ	63.0744, 56.9627, 39.1211
YIQ	200.5530, 49.7910, 6.2310

Conversions

Conversions Part 2

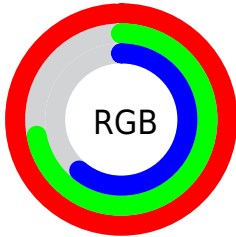
Format	Color
R _Y B	252, 194, 156
Decimal	16562076
CIE Lab	80.16, 21.65, 23.61
CIE LCh	80, 32.029, 47.483
Yxy	56.9627, 0.3963, 0.3579
Android (android.graphics.Color)	4294752156 (0xFFFCB79C)
YUV	200.5530, -21.9646, 45.1190
Hunter-Lab	75.4736, 17.0961, 22.0991

Details

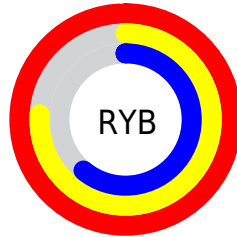
The Yxy color **56.9627, 0.3963, 0.3579** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.9271, 0.2550, 0.2976**, and the grayscale version is **58.2340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6962, 0.3413, 0.3569**, and **28.3226, 0.4172, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **49.2029, 0.4280, 0.3652**, and if you desaturate by 10%, it is **65.8659, 0.3689, 0.3501**.

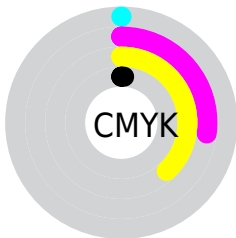
Distribution



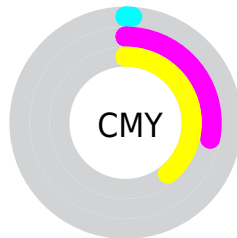
- Red (99%)
- Green (72%)
- Blue (61%)



- Red (99%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9627, 0.3963, 0.3579 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 56.9627, 0.3963, 0.3579 by changing the saturation by 10% instead.


 56.9627, 0.3963,
0.3579


 56.9627, 0.3963,
0.3579


413.3095, 0.3556,
0.3454

 40.9753, 0.4061,
0.3604

 100.4108, 0.3818,
0.3538

 28.2998, 0.4183,
0.3634


 128.6402, 0.3763,
0.3521

 18.5518, 0.4341,
0.3667


161.7191, 0.3715,
0.3507

 11.3468, 0.4552,
0.3704

200.0319, 0.3675,
0.3494

 6.3006, 0.4844,
0.3739

243.9629, 0.3639,
0.3482

 3.0287, 0.5276,
0.3757

293.8966, 0.3608,

 1.1468, 0.6168,

0.3472

0.3832

350.2174, 0.3580,
0.3462

0.0176, 0.9688,
0.0312

0.0000, 0.0000,
0.0000

56.9627, 0.3963,
0.3579

56.9627, 0.3963,
0.3579

49.2029, 0.4280,
0.3652

65.8659, 0.3689,
0.3501

42.5308, 0.4636,
0.3712

75.9487, 0.3457,
0.3422

36.8983, 0.5017,
0.3746

87.2560, 0.3262,
0.3347

32.2500, 0.5395,
0.3744

99.4324, 0.3109,
0.3290

■ 28.5248, 0.5733,
0.3696

■ 25.6513, 0.5994,
0.3606

■ 25.1894, 0.6038,
0.3588

Harmonies

Analogous

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



56.9627, 0.3812, 0.3240



56.9627, 0.3963, 0.3579



56.9627, 0.3871, 0.3875

Triad

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



56.9627, 0.3963, 0.3579



56.9627, 0.2773, 0.3692



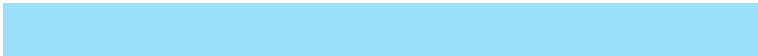
56.9627, 0.2661, 0.2613

Complementary

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



56.9627, 0.3963, 0.3579



67.9271, 0.2550, 0.2976

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.



56.9627, 0.2421, 0.2680



56.9627, 0.3963, 0.3579



56.9627, 0.2481, 0.3284

Square

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



56.9627, 0.3963, 0.3579



56.9627, 0.3172, 0.3980



56.9627, 0.2357, 0.2913



56.9627, 0.3037, 0.2706

Rectangle

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



56.9627, 0.3963, 0.3579



56.9627, 0.3692, 0.4004



56.9627, 0.2357, 0.2913



56.9627, 0.2563, 0.2617

Sweetspot

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



56.9654, 0.3963, 0.3579



86.1313, 0.3315, 0.3369



49.9806, 0.3389, 0.2574



18.0931, 0.3341, 0.3379



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.



56.9654, 0.3963, 0.3579



52.1050, 0.4211, 0.3638



79.4564, 0.3779, 0.4041



18.0205, 0.3287, 0.3357



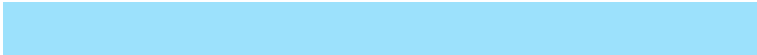
13.3370, 0.6008, 0.3611



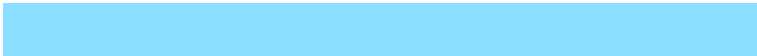
1.4064, 0.5777, 0.3795

Inverse Universe

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



67.9271, 0.2550, 0.2976



64.8316, 0.2441, 0.2898



46.0927, 0.2464, 0.2402



18.7343, 0.2980, 0.3222



21.1533, 0.1985, 0.2346



2.1385, 0.2020, 0.2472

Previews

White Background



This preview shows how the Yxy color 56.9627, 0.3963, 0.3579 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 56.9627, 0.3963, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

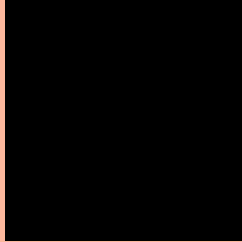
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9627, 0.3963, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 56.9627, 0.3963, 0.3579.



This preview shows how white text looks on a background with the Yxy color 56.9627, 0.3963, 0.3579.

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

56.9627, 0.3963, 0.3579

Protanopia

57.3401, 0.3497, 0.3721

Deuteranopia

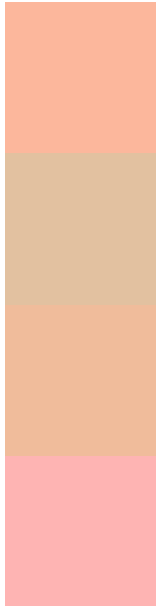
56.9183, 0.3783, 0.3708



Tritanopia

56.9066, 0.3685, 0.3145

Trichromacy



Original Color

56.9627, 0.3963, 0.3579

Protanomaly

56.8467, 0.3666, 0.3671

Deuteranomaly

56.8583, 0.3847, 0.3656

Tritanomaly

56.9680, 0.3787, 0.3303

Monochromacy



Original Color

56.9627, 0.3963, 0.3579

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.3020, 0.3410, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9627, 0.3963, 0.3579 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(252, 183, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 183, 156)  
}
```

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(252, 183, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 183, 156) }
```

Border

The CSS property to change the border of an element to Yxy 56.9627, 0.3963, 0.3579 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(252, 183, 156) }
```

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

```
.border{ border-color:rgb(252, 183, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 183, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 183, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 183, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 183,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9627, 0.3963, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 183, 156) }
```

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

```
.background{ background-color: rgb(252,  
183, 156) }
```

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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