

Converting Colors

$Y_{xy}(92.1608, 0.4991, 0.3488)$

Have a look what the booklet for
Yxy(92.1608, 0.4991, 0.3488)
contains.

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Color

Yxy(56.9503, 0.4037, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	FFB697
RGB	255, 182, 151
RGB Percent	100%, 71%, 59%
CMY	0.0001, 0.2862, 0.4079
CMYK	0.00, 0.29, 0.41, 0.00
HSL	18°, 100%, 80%
HSV	18°, 41%, 100%
XYZ	63.5457, 56.9503, 36.9122
YIQ	200.2930, 53.4590, 5.8350

Conversions

Conversions Part 2

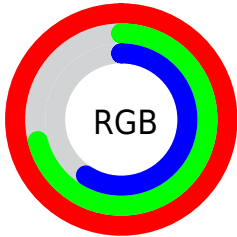
Format	Color
R _Y B	255, 195, 151
Decimal	16758423
CIE Lab	80.15, 22.76, 26.32
CIE LCh	80, 34.798, 49.154
Yxy	56.9503, 0.4037, 0.3618
Android (android.graphics.Color)	4294948503 (0xFFFFB697)
YUV	200.2930, -24.3014, 47.9780
Hunter-Lab	75.4654, 18.2415, 23.8254

Details

The Yxy color **56.9503, 0.4037, 0.3618** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.0722, 0.2508, 0.2929**, and the grayscale version is **58.0773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8168, 0.3454, 0.3620**, and **28.3564, 0.4271, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **49.3468, 0.4360, 0.3693**, and if you desaturate by 10%, it is **65.6743, 0.3755, 0.3536**.

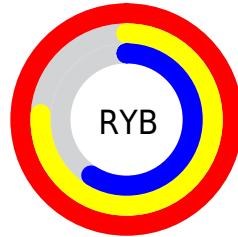
Distribution



Red (100%)

Green (71%)

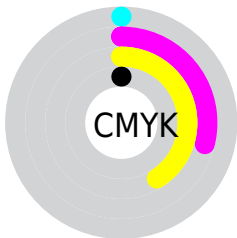
Blue (59%)



Red (100%)

Yellow (76%)

Blue (59%)

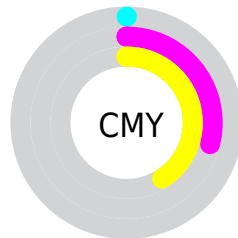


Cyan (0%)

Magenta (29%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9503, 0.4037, 0.3618 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 56.9503, 0.4037, 0.3618 by changing the saturation by 10% instead.


 56.9503, 0.4037,
0.3618

 56.9503, 0.4037,
0.3618


413.2631, 0.3594,
0.3477

 40.9653, 0.4143,
0.3646


 100.3927, 0.3880,
0.3572

 28.2920, 0.4275,
0.3678


 128.6189, 0.3819,
0.3553

 18.5459, 0.4445,
0.3714


161.6943, 0.3768,
0.3537

 11.3426, 0.4670,
0.3753

200.0032, 0.3724,
0.3522

 6.2978, 0.4979,
0.3785

243.9302, 0.3685,
0.3509

 3.0270, 0.5450,
0.3809

293.8596, 0.3651,

 1.1458, 0.6227,

0.3497

0.3773

350.1757, 0.3621,
0.3487

0.0168, 0.9715,
0.0285

0.0000, 0.0000,
0.0000

56.9503, 0.4037,
0.3618

56.9503, 0.4037,
0.3618

49.3468, 0.4360,
0.3693

65.6743, 0.3755,
0.3536

42.8087, 0.4718,
0.3751

75.5545, 0.3514,
0.3452

37.2883, 0.5094,
0.3780

86.6350, 0.3311,
0.3372

32.7308, 0.5458,
0.3768

98.9552, 0.3139,
0.3296

■ 29.0750, 0.5774,
0.3708

99.9953, 0.3127,
0.3290

■ 26.4385, 0.5999,
0.3619

Harmonies

Analogous

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



56.9503, 0.3888, 0.3253



56.9503, 0.4037, 0.3618



56.9503, 0.3921, 0.3936

Triad

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



56.9503, 0.4037, 0.3618



56.9503, 0.2720, 0.3705



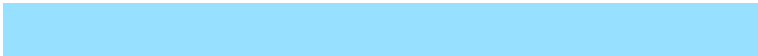
56.9503, 0.2641, 0.2561

Complementary

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



56.9503, 0.4037, 0.3618



67.0722, 0.2508, 0.2929

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.



56.9503, 0.2374, 0.2620



56.9503, 0.4037, 0.3618



56.9503, 0.2415, 0.3256

Square

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



56.9503, 0.4037, 0.3618



56.9503, 0.3148, 0.4033



56.9503, 0.2295, 0.2860



56.9503, 0.3053, 0.2670

Rectangle

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



56.9503, 0.4037, 0.3618



56.9503, 0.3718, 0.4073



56.9503, 0.2295, 0.2860



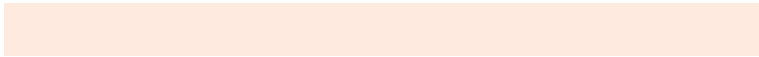
56.9503, 0.2533, 0.2561

Sweetspot

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



56.9531, 0.4037, 0.3618



85.2438, 0.3333, 0.3381



48.8461, 0.3429, 0.2539



17.9251, 0.3359, 0.3392



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.



56.9531, 0.4037, 0.3618



50.6369, 0.4300, 0.3680



81.4518, 0.3823, 0.4109



18.8707, 0.3287, 0.3362



14.0433, 0.5969, 0.3642



1.5483, 0.5749, 0.3818

Inverse Universe

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



67.0722, 0.2508, 0.2929



61.9600, 0.2397, 0.2842



43.8798, 0.2408, 0.2305



19.5121, 0.2980, 0.3217



20.8689, 0.1968, 0.2284



2.2230, 0.2004, 0.2413

Previews

White Background



This preview shows how the Yxy color 56.9503, 0.4037, 0.3618 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 56.9503, 0.4037, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

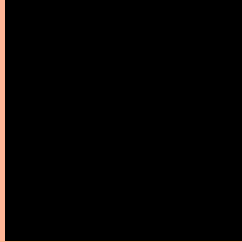
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9503, 0.4037, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 56.9503, 0.4037, 0.3618.



This preview shows how white text looks on a background with the Yxy color 56.9503, 0.4037, 0.3618.

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

56.9503, 0.4037, 0.3618

Protanopia

57.3471, 0.3537, 0.3768

Deuteranopia

57.0937, 0.3842, 0.3761



Tritanopia

56.8624, 0.3694, 0.3156

Trichromacy



Original Color

56.9503, 0.4037, 0.3618

Protanomaly

57.0342, 0.3716, 0.3714

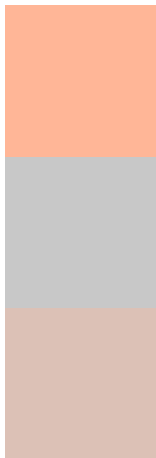
Deuteranomaly

57.0457, 0.3907, 0.3708

Tritanomaly

56.6348, 0.3826, 0.3324

Monochromacy



Original Color

56.9503, 0.4037, 0.3618

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.7330, 0.3436, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9503, 0.4037, 0.3618 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(255, 182, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 151)  
}
```

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(255, 182, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 151) }
```

Border

The CSS property to change the border of an element to Yxy 56.9503, 0.4037, 0.3618 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(255, 182, 151) }
```

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

```
.border{ border-color:rgb(255, 182, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9503, 0.4037, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 151) }
```

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

```
.background{ background-color: rgb(255,  
182, 151) }
```

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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