

Converting Colors

Yxy(67.3243, 0.4339, 0.3432)

Have a look what the booklet for
Yxy(67.3243, 0.4339, 0.3432)
contains.

Yxy(56.5829, 0.3930, 0.3461)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.5829, 0.3930, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4A4
RGB	255, 180, 164
RGB Percent	100%, 71%, 64%
CMY	0.0002, 0.2940, 0.3569
CMYK	0.00, 0.29, 0.36, 0.00
HSL	11°, 100%, 82%
HSV	11°, 36%, 100%
XYZ	64.2504, 56.5829, 42.6538
YIQ	200.6010, 49.8360, 10.9240

Conversions

Conversions Part 2

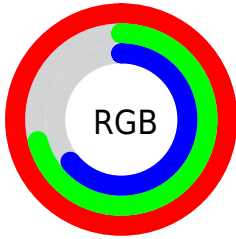
Format	Color
R _Y B	255, 183, 164
Decimal	16757924
CIE Lab	79.94, 25.26, 19.08
CIE LCh	80, 31.659, 37.065
Yxy	56.5829, 0.3930, 0.3461
Android (android.graphics.Color)	4294948004 (0xFFFFB4A4)
YUV	200.6010, -18.0443, 47.7079
Hunter-Lab	75.2216, 20.8278, 19.0352

Details

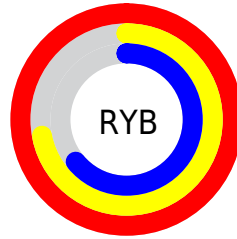
The Yxy color **56.5829, 0.3930, 0.3461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.7995, 0.2599, 0.3109**, and the grayscale version is **58.2403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3654, 0.3366, 0.3460**, and **28.0844, 0.4141, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **47.9063, 0.4265, 0.3508**, and if you desaturate by 10%, it is **66.7345, 0.3647, 0.3411**.

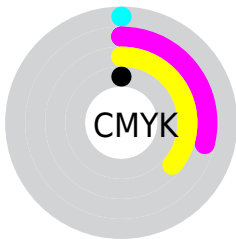
Distribution



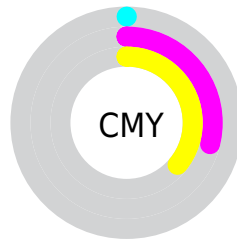
- Red (100%)
- Green (71%)
- Blue (64%)



- Red (100%)
- Yellow (72%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5829, 0.3930, 0.3461 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 56.5829, 0.3930, 0.3461 by changing the saturation by 10% instead.


 56.5829, 0.3930,
0.3461


 56.5829, 0.3930,
0.3461


411.8845, 0.3538,
0.3391

 40.6705, 0.4025,
0.3474


 99.8563, 0.3790,
0.3439

 28.0617, 0.4144,
0.3488


 127.9861, 0.3736,
0.3430

 18.3722, 0.4299,
0.3503


160.9571, 0.3691,
0.3421

 11.2175, 0.4507,
0.3517

199.1538, 0.3652,
0.3414

 6.2133, 0.4800,
0.3523

242.9604, 0.3618,
0.3407

 2.9752, 0.5235,
0.3501

292.7615, 0.3588,

 1.1188, 0.6365,

0.3401

0.3635

348.9414, 0.3561,
0.3396

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5829, 0.3930,
0.3461

56.5829, 0.3930,
0.3461

47.9063, 0.4265,
0.3508

66.7345, 0.3647,
0.3411

40.6278, 0.4651,
0.3546

78.4170, 0.3413,
0.3362

34.6758, 0.5074,
0.3567

91.6935, 0.3221,
0.3315

29.9690, 0.5499,
0.3561

99.9923, 0.3127,
0.3290

■ 26.4170, 0.5878,
0.3524

■ 23.9160, 0.6156,
0.3456

■ 23.1241, 0.6244,
0.3424

Harmonies

Analogous

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



56.5829, 0.3703, 0.3127



56.5829, 0.3930, 0.3461



56.5829, 0.3922, 0.3778

Triad

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



56.5829, 0.3930, 0.3461



56.5829, 0.2906, 0.3808



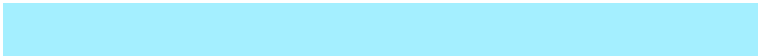
56.5829, 0.2564, 0.2623

Complementary

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



56.5829, 0.3930, 0.3461



76.7995, 0.2599, 0.3109

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.



56.5829, 0.2384, 0.2747



56.5829, 0.3930, 0.3461



56.5829, 0.2570, 0.3428

Square

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



56.5829, 0.3930, 0.3461



56.5829, 0.3317, 0.4021



56.5829, 0.2386, 0.3033



56.5829, 0.2897, 0.2662

Rectangle

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



56.5829, 0.3930, 0.3461



56.5829, 0.3789, 0.3940



56.5829, 0.2386, 0.3033



56.5829, 0.2485, 0.2646

Sweetspot

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



56.5856, 0.3930, 0.3461



84.4567, 0.3319, 0.3340



54.0804, 0.3291, 0.2535



17.6965, 0.3345, 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.



56.5856, 0.3930, 0.3461



50.1085, 0.4170, 0.3496



77.5870, 0.3766, 0.3909



18.5045, 0.3290, 0.3333



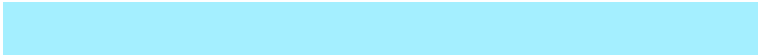
12.2362, 0.6221, 0.3442



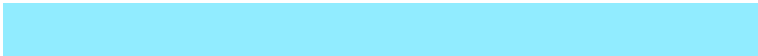
1.3264, 0.6024, 0.3599

Inverse Universe

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



76.7995, 0.2599, 0.3109



73.0753, 0.2505, 0.3066



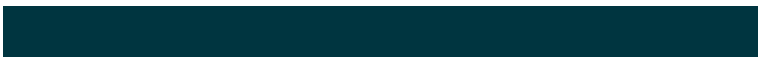
53.8336, 0.2525, 0.2579



19.9046, 0.2980, 0.3247



28.0706, 0.2088, 0.2716



2.8695, 0.2108, 0.2788

Previews

White Background



This preview shows how the Yxy color 56.5829, 0.3930, 0.3461 looks on a white background.

Color Contrast Check

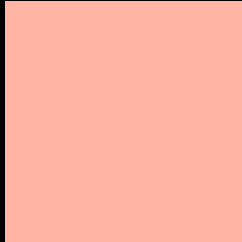
Large Text (above 18pt) WCAG AA × Fail

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 56.5829, 0.3930, 0.3461 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 56.5829, 0.3930, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 56.5829, 0.3930, 0.3461.



This preview shows how white text looks on a background with the Yxy color 56.5829, 0.3930, 0.3461.

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

56.5829, 0.3930, 0.3461

Protanopia

56.8152, 0.3397, 0.3591

Deuteranopia

56.6932, 0.3691, 0.3621



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



Original Color

56.5829, 0.3930, 0.3461

Protanomaly

56.1714, 0.3581, 0.3533

Deuteranomaly

56.5357, 0.3774, 0.3558

Tritanomaly

56.4370, 0.3784, 0.3260

Monochromacy



Original Color

56.5829, 0.3930, 0.3461

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.1429, 0.3397, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5829, 0.3930, 0.3461 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, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 164)  
}
```

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, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 164) }
```

Border

The CSS property to change the border of an element to Yxy 56.5829, 0.3930, 0.3461 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, 180, 164) }
```

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

```
.border{ border-color:rgb(255, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5829, 0.3930, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 164) }
```

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

```
.background{ background-color: rgb(255,  
180, 164) }
```

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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