

Converting Colors

$Y_{xy}(100.0000, 0.5009, 0.3527)$

Have a look what the booklet for
Yxy(100.0000, 0.5009, 0.3527)
contains.

Yxy(60.3539, 0.3993, 0.3689)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.3539, 0.3993, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE98
RGB	255, 190, 152
RGB Percent	100%, 75%, 60%
CMY	0.0000, 0.2549, 0.4038
CMYK	0.00, 0.25, 0.40, 0.00
HSL	22°, 100%, 80%
HSV	22°, 40%, 100%
XYZ	65.3275, 60.3539, 37.9236
YIQ	205.1030, 50.9380, 1.9620

Conversions

Conversions Part 2

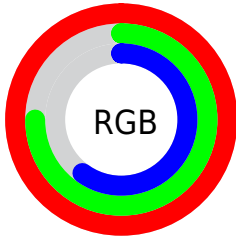
Format	Color
R_{YB}	255, 212, 152
Decimal	16760472
CIE _{Lab}	82.03, 18.71, 28.30
CIE _{LCh}	82, 33.927, 56.530
Yxy	60.3539, 0.3993, 0.3689
Android (android.graphics.Color)	4294950552 (0xFFFFBE98)
YUV	205.1030, -26.1798, 43.7597
Hunter-Lab	77.6878, 14.1467, 25.4388

Details

The Yxy color **60.3539, 0.3993, 0.3689** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.5402, 0.2500, 0.2846**, and the grayscale version is **61.2647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6765, 0.3427, 0.3677**, and **30.2837, 0.4210, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **53.0133, 0.4292, 0.3783**, and if you desaturate by 10%, it is **68.6435, 0.3728, 0.3588**.

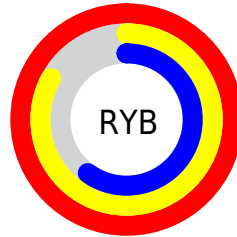
Distribution



Red (100%)

Green (75%)

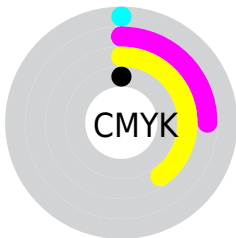
Blue (60%)



Red (100%)

Yellow (83%)

Blue (60%)

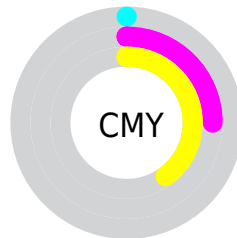


Cyan (0%)

Magenta (25%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3539, 0.3993, 0.3689 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 60.3539, 0.3993, 0.3689 by changing the saturation by 10% instead.


 60.3539, 0.3993,
0.3689


 60.3539, 0.3993,
0.3689


425.9010, 0.3577,
0.3514

 43.7040, 0.4091,
0.3725


 105.3429, 0.3846,
0.3631

 30.4378, 0.4213,
0.3768


 134.4507, 0.3790,
0.3608

 20.1712, 0.4368,
0.3817

168.4799, 0.3741,
0.3587

 12.5195, 0.4571,
0.3873

207.8149, 0.3700,
0.3569

 7.0985, 0.4846,
0.3933

252.8402, 0.3663,
0.3553

 3.5238, 0.5244,
0.3989

303.9400, 0.3631,

 1.4109, 0.5942,

0.3539

0.4058

361.4988, 0.3602,
0.3526

0.2248, 0.7489,
0.2511

0.0000, 0.0000,
0.0000

60.3539, 0.3993,
0.3689

60.3539, 0.3993,
0.3689

53.0133, 0.4292,
0.3783

68.6435, 0.3728,
0.3588

46.5863, 0.4620,
0.3858

77.9177, 0.3498,
0.3485

41.0334, 0.4962,
0.3904

88.2085, 0.3301,
0.3387

36.3119, 0.5295,
0.3906

99.5469, 0.3133,
0.3293

■ 32.3745, 0.5589,
0.3855

100.0000, 0.3127,
0.3290

■ 29.2699, 0.5817,
0.3763

Harmonies

Analogous

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



60.3539, 0.3912, 0.3342



60.3539, 0.3993, 0.3689



60.3539, 0.3825, 0.3966

Triad

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



60.3539, 0.3993, 0.3689



60.3539, 0.2652, 0.3585



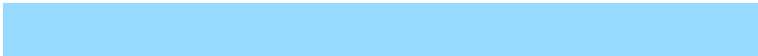
60.3539, 0.2749, 0.2602

Complementary

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



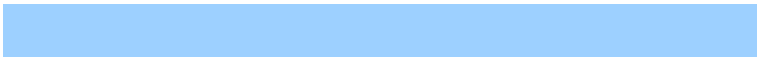
60.3539, 0.3993, 0.3689



63.5402, 0.2500, 0.2846

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.



60.3539, 0.2452, 0.2618



60.3539, 0.3993, 0.3689



60.3539, 0.2398, 0.3156

Square

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



60.3539, 0.3993, 0.3689



60.3539, 0.3042, 0.3940



60.3539, 0.2329, 0.2807



60.3539, 0.3166, 0.2742

Rectangle

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



60.3539, 0.3993, 0.3689



60.3539, 0.3605, 0.4065



60.3539, 0.2329, 0.2807



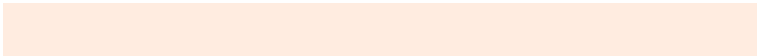
60.3539, 0.2633, 0.2589

Sweetspot

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



60.3535, 0.3993, 0.3689



86.4721, 0.3331, 0.3402



48.7482, 0.3504, 0.2627



18.2130, 0.3355, 0.3415



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.



60.3535, 0.3993, 0.3689



54.6767, 0.4218, 0.3762



86.5988, 0.3783, 0.4177



19.0839, 0.3285, 0.3378



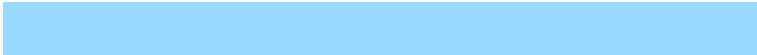
15.5543, 0.5787, 0.3787



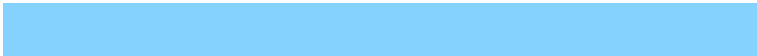
1.7147, 0.5573, 0.3957

Inverse Universe

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



63.5402, 0.2500, 0.2846



58.2020, 0.2390, 0.2745



41.0827, 0.2399, 0.2210



19.2893, 0.2979, 0.3200



17.3821, 0.1898, 0.2032



1.9014, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 60.3539, 0.3993, 0.3689 looks on a white background.

Color Contrast Check

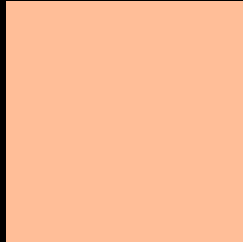
Large Text (above 18pt) WCAG AA × Fail

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 60.3539, 0.3993, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

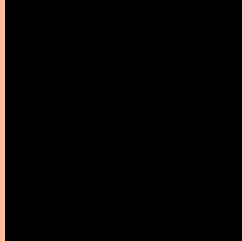
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3539, 0.3993, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 60.3539, 0.3993, 0.3689.



This preview shows how white text looks on a background with the Yxy color 60.3539, 0.3993, 0.3689.

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

60.3539, 0.3993, 0.3689

Protanopia

60.5598, 0.3581, 0.3826

Deuteranopia

60.4150, 0.3857, 0.3783



Tritanopia

60.4550, 0.3614, 0.3167

Trichromacy



Original Color

60.3539, 0.3993, 0.3689

Protanomaly

60.2361, 0.3721, 0.3775

Deuteranomaly

60.4108, 0.3908, 0.3754

Tritanomaly

60.1368, 0.3757, 0.3355

Monochromacy



Original Color

60.3539, 0.3993, 0.3689

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5417, 0.3416, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3539, 0.3993, 0.3689 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, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 152)  
}
```

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, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 152) }
```

Border

The CSS property to change the border of an element to Yxy 60.3539, 0.3993, 0.3689 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, 190, 152) }
```

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

```
.border{ border-color:rgb(255, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3539, 0.3993, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 152) }
```

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

```
.background{ background-color: rgb(255,  
190, 152) }
```

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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