

Converting Colors

$Y_{xy}(56.3488, 0.4005, 0.3551)$

Have a look what the booklet for
Yxy(56.3488, 0.4005, 0.3551)
contains.

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Color

Yxy(56.3028, 0.4002, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	FFB49C
RGB	255, 180, 156
RGB Percent	100%, 71%, 61%
CMY	0.0000, 0.2941, 0.3883
CMYK	0.00, 0.29, 0.39, 0.00
HSL	15°, 100%, 81%
HSV	15°, 39%, 100%
XYZ	63.5610, 56.3028, 38.9593
YIQ	199.6890, 52.4040, 8.4360

Conversions

Conversions Part 2

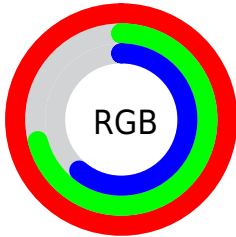
Format	Color
R _Y B	255, 188, 156
Decimal	16757916
CIE Lab	79.79, 24.37, 23.16
CIE LCh	80, 33.621, 43.542
Yxy	56.3028, 0.4002, 0.3545
Android (android.graphics.Color)	4294947996 (0xFFFFB49C)
YUV	199.6890, -21.5387, 48.5077
Hunter-Lab	75.0352, 19.8927, 21.7404

Details

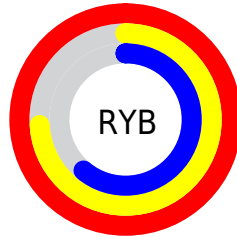
The Yxy color **56.3028, 0.4002, 0.3545** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.4207, 0.2546, 0.3014**, and the grayscale version is **57.6687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9541, 0.3418, 0.3540**, and **27.9344, 0.4226, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **48.2680, 0.4334, 0.3607**, and if you desaturate by 10%, it is **65.6098, 0.3717, 0.3477**.

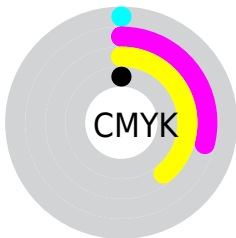
Distribution



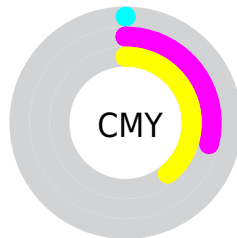
- Red (100%)
- Green (71%)
- Blue (61%)



- Red (100%)
- Yellow (74%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (39%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3028, 0.4002, 0.3545 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 56.3028, 0.4002, 0.3545 by changing the saturation by 10% instead.

 56.3028, 0.4002,
0.3545

 56.3028, 0.4002,
0.3545


410.8316, 0.3575,
0.3437

 40.4457, 0.4105,
0.3566


 99.4472, 0.3849,
0.3510

 27.8863, 0.4234,
0.3590


 127.5033, 0.3791,
0.3496

 18.2399, 0.4401,
0.3615


160.3945, 0.3742,
0.3483

 11.1224, 0.4624,
0.3641

198.5053, 0.3699,
0.3472

 6.1492, 0.4934,
0.3660

242.2200, 0.3662,
0.3462

 2.9360, 0.5393,
0.3654

291.9230, 0.3629,

 1.0984, 0.6327,

0.3453

0.3673

347.9988, 0.3600,
0.3445

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3028, 0.4002,
0.3545

56.3028, 0.4002,
0.3545

48.2680, 0.4334,
0.3607

65.6098, 0.3717,
0.3477

41.4426, 0.4708,
0.3656

76.2347, 0.3476,
0.3409

35.7682, 0.5108,
0.3681

88.2293, 0.3276,
0.3344

31.1790, 0.5501,
0.3670

100.0000, 0.3127,
0.3290

■ 27.6015, 0.5844,
0.3618

■ 24.9487, 0.6098,
0.3530

■ 24.6924, 0.6123,
0.3520

Harmonies

Analogous

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



56.3028, 0.3810, 0.3190



56.3028, 0.4002, 0.3545



56.3028, 0.3937, 0.3868

Triad

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



56.3028, 0.4002, 0.3545



56.3028, 0.2804, 0.3765



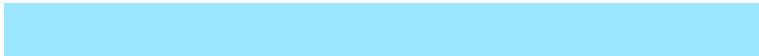
56.3028, 0.2594, 0.2579

Complementary

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



56.3028, 0.4002, 0.3545



71.4207, 0.2546, 0.3014

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.



56.3028, 0.2366, 0.2670



56.3028, 0.4002, 0.3545



56.3028, 0.2479, 0.3340

Square

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



56.3028, 0.4002, 0.3545



56.3028, 0.3231, 0.4042



56.3028, 0.2325, 0.2936



56.3028, 0.2974, 0.2656

Rectangle

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



56.3028, 0.4002, 0.3545



56.3028, 0.3764, 0.4021



56.3028, 0.2325, 0.2936



56.3028, 0.2499, 0.2590

Sweetspot

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



56.3051, 0.4002, 0.3545



84.2787, 0.3336, 0.3364



50.8496, 0.3366, 0.2529



17.6992, 0.3361, 0.3373



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.



56.3051, 0.4002, 0.3545



49.6484, 0.4270, 0.3597



79.4737, 0.3806, 0.4025



18.7027, 0.3288, 0.3348



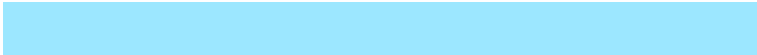
13.0951, 0.6096, 0.3541



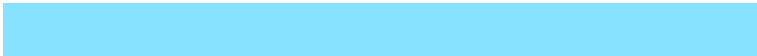
1.4367, 0.5881, 0.3713

Inverse Universe

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



71.4207, 0.2546, 0.3014



66.7302, 0.2438, 0.2946



47.8989, 0.2456, 0.2422



19.6905, 0.2980, 0.3231



23.9742, 0.2023, 0.2483



2.5042, 0.2052, 0.2586

Previews

White Background



This preview shows how the Yxy color 56.3028, 0.4002, 0.3545 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 56.3028, 0.4002, 0.3545 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 56.3028, 0.4002, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 56.3028, 0.4002, 0.3545.



This preview shows how white text looks on a background with the Yxy color 56.3028, 0.4002, 0.3545.

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

56.3028, 0.4002, 0.3545

Protanopia

56.6238, 0.3475, 0.3699

Deuteranopia

56.3158, 0.3778, 0.3699



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.3028, 0.4002, 0.3545

Protanomaly

56.0036, 0.3664, 0.3637

Deuteranomaly

56.0096, 0.3855, 0.3634

Tritanomaly

56.2751, 0.3820, 0.3303

Monochromacy



Original Color

56.3028, 0.4002, 0.3545

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8163, 0.3420, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3028, 0.4002, 0.3545 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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(255, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 156) }
```

Border

The CSS property to change the border of an element to Yxy 56.3028, 0.4002, 0.3545 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, 156) }
```

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

```
.border{ border-color:rgb(255, 180, 156) }
```

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, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3028, 0.4002, 0.3545 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, 156) }
```

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

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