

Converting Colors

$Y_{xy}(63.3230, 0.4167, 0.3372)$

Have a look what the booklet for
Yxy(63.3230, 0.4167, 0.3372)
contains.

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Color

Yxy(56.4025, 0.3880, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3AA
RGB	255, 179, 170
RGB Percent	100%, 70%, 67%
CMY	0.0001, 0.2980, 0.3333
CMYK	0.00, 0.30, 0.33, 0.00
HSL	6°, 100%, 83%
HSV	6°, 33%, 100%
XYZ	64.6123, 56.4025, 45.5117
YIQ	200.6980, 48.1850, 13.3130

Conversions

Conversions Part 2

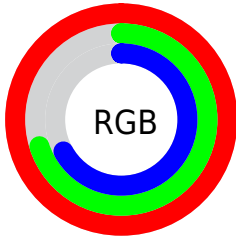
Format	Color
R _Y B	255, 180, 170
Decimal	16757674
CIE Lab	79.84, 26.52, 15.71
CIE LCh	80, 30.827, 30.634
Yxy	56.4025, 0.3880, 0.3387
Android (android.graphics.Color)	4294947754 (0xFFFFB3AA)
YUV	200.6980, -15.1341, 47.6229
Hunter-Lab	75.1016, 22.1413, 16.6413

Details

The Yxy color **56.4025, 0.3880, 0.3387** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.6623, 0.2639, 0.3190**, and the grayscale version is **58.2865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1129, 0.3328, 0.3390**, and **27.9655, 0.4073, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **47.1366, 0.4220, 0.3416**, and if you desaturate by 10%, it is **67.3713, 0.3598, 0.3357**.

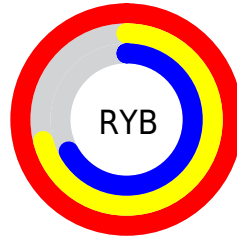
Distribution



Red (100%)

Green (70%)

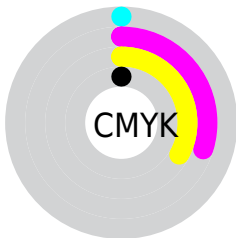
Blue (67%)



Red (100%)

Yellow (71%)

Blue (67%)

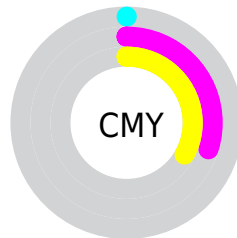


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4025, 0.3880, 0.3387 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 56.4025, 0.3880, 0.3387 by changing the saturation by 10% instead.

 56.4025, 0.3880,
0.3387

 56.4025, 0.3880,
0.3387


411.2066, 0.3512,
0.3351

 40.5257, 0.3969,
0.3393


 99.5928, 0.3748,
0.3376

 27.9487, 0.4082,
0.3398


127.6752, 0.3698,
0.3372

 18.2870, 0.4228,
0.3402


160.5948, 0.3656,
0.3367

 11.1562, 0.4426,
0.3403

198.7362, 0.3619,
0.3363

 6.1720, 0.4706,
0.3393

242.4837, 0.3587,
0.3360

 2.9500, 0.5129,
0.3355

292.2216, 0.3559,

 1.1057, 0.6256,

0.3356

0.3468

348.3345, 0.3534,
0.3353

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4025, 0.3880,
0.3387

56.4025, 0.3880,
0.3387

47.1366, 0.4220,
0.3416

67.3713, 0.3598,
0.3357

39.4806, 0.4619,
0.3440

80.1139, 0.3368,
0.3327

33.3446, 0.5062,
0.3453

94.7071, 0.3181,
0.3299

28.6270, 0.5515,
0.3450

99.9975, 0.3127,
0.3290

■ 25.2133, 0.5920,
0.3427

■ 22.9712, 0.6212,
0.3384

■ 22.0431, 0.6333,
0.3353

Harmonies

Analogous

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



56.4025, 0.3616, 0.3066



56.4025, 0.3880, 0.3387



56.4025, 0.3924, 0.3706

Triad

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



56.4025, 0.3880, 0.3387



56.4025, 0.2996, 0.3856



56.4025, 0.2526, 0.2651

Complementary

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



56.4025, 0.3880, 0.3387



81.6623, 0.2639, 0.3190

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.



56.4025, 0.2387, 0.2808



56.4025, 0.3880, 0.3387



56.4025, 0.2644, 0.3510

Square

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



56.4025, 0.3880, 0.3387



56.4025, 0.3398, 0.4016



56.4025, 0.2427, 0.3117



56.4025, 0.2824, 0.2656

Rectangle

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



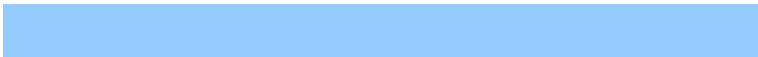
56.4025, 0.3880, 0.3387



56.4025, 0.3824, 0.3881



56.4025, 0.2427, 0.3117



56.4025, 0.2461, 0.2685

Sweetspot

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



56.4052, 0.3880, 0.3387



84.7732, 0.3301, 0.3317



56.6915, 0.3233, 0.2534



17.7194, 0.3329, 0.3321



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.



56.4052, 0.3880, 0.3387



50.0447, 0.4100, 0.3407



75.8690, 0.3736, 0.3813



18.2969, 0.3292, 0.3316



11.6190, 0.6317, 0.3366



1.2284, 0.6165, 0.3487

Inverse Universe

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



81.6623, 0.2639, 0.3190



78.8049, 0.2555, 0.3167



58.9491, 0.2577, 0.2702



20.1329, 0.2980, 0.3264



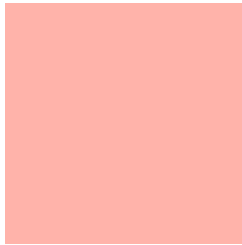
32.8876, 0.2154, 0.2952



3.2926, 0.2165, 0.2994

Previews

White Background



This preview shows how the Yxy color 56.4025, 0.3880, 0.3387 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 56.4025, 0.3880, 0.3387 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 56.4025, 0.3880, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 56.4025, 0.3880, 0.3387.



This preview shows how white text looks on a background with the Yxy color 56.4025, 0.3880, 0.3387.

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

56.4025, 0.3880, 0.3387

Protanopia

56.8053, 0.3326, 0.3507

Deuteranopia

56.5827, 0.3624, 0.3554



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



Original Color

56.4025, 0.3880, 0.3387



Protanomaly

56.2435, 0.3523, 0.3464



Deuteranomaly

56.5824, 0.3714, 0.3491



Tritanomaly

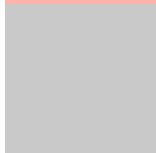
56.5197, 0.3766, 0.3239

Monochromacy



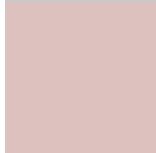
Original Color

56.4025, 0.3880, 0.3387



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.2298, 0.3381, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4025, 0.3880, 0.3387 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, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 170)  
}
```

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, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 170) }
```

Border

The CSS property to change the border of an element to Yxy 56.4025, 0.3880, 0.3387 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, 179, 170) }
```

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

```
.border{ border-color:rgb(255, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4025, 0.3880, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 170) }
```

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

```
.background{ background-color: rgb(255,  
179, 170) }
```

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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