

Converting Colors

$Y_{xy}(56.3042, 0.4027, 0.3579)$

Have a look what the booklet for
Yxy(56.3042, 0.4027, 0.3579)
contains.

Yxy(56.2024, 0.4028, 0.3576)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.2024, 0.4028, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	FFB499
RGB	255, 180, 153
RGB Percent	100%, 71%, 60%
CMY	0.0001, 0.2941, 0.3999
CMYK	0.00, 0.29, 0.40, 0.00
HSL	16°, 100%, 80%
HSV	16°, 40%, 100%
XYZ	63.3063, 56.2024, 37.6569
YIQ	199.3470, 53.3670, 7.5030

Conversions

Conversions Part 2

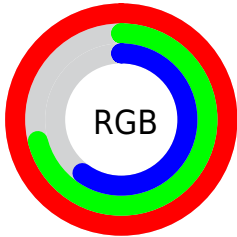
Format	Color
R_{YB}	255, 190, 153
Decimal	16757913
CIE _{Lab}	79.73, 24.03, 24.66
CIE _{LCh}	80, 34.436, 45.743
Yxy	56.2024, 0.4028, 0.3576
Android (android.graphics.Color)	4294947993 (0xFFFFB499)
YUV	199.3470, -22.8491, 48.8077
Hunter-Lab	74.9683, 19.5383, 22.6962

Details

The Yxy color **56.2024, 0.4028, 0.3576** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.4705, 0.2526, 0.2978**, and the grayscale version is **57.4571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7559, 0.3445, 0.3581**, and **27.8738, 0.4262, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **48.3855, 0.4358, 0.3643**, and if you desaturate by 10%, it is **65.2286, 0.3742, 0.3503**.

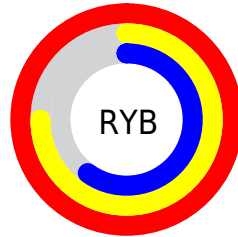
Distribution



Red (100%)

Green (71%)

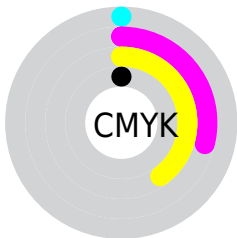
Blue (60%)



Red (100%)

Yellow (75%)

Blue (60%)

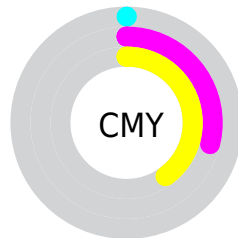


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2024, 0.4028, 0.3576 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 56.2024, 0.4028, 0.3576 by changing the saturation by 10% instead.


 56.2024, 0.4028,
0.3576


 56.2024, 0.4028,
0.3576


410.4538, 0.3588,
0.3454

 40.3652, 0.4133,
0.3600


 99.3004, 0.3871,
0.3537

 27.8234, 0.4266,
0.3627


 127.3301, 0.3811,
0.3521

 18.1926, 0.4437,
0.3657


160.1927, 0.3760,
0.3506

 11.0883, 0.4665,
0.3687

198.2727, 0.3716,
0.3494

 6.1263, 0.4979,
0.3710

241.9544, 0.3678,
0.3482

 2.9220, 0.5454,
0.3714

291.6222, 0.3644,

 1.0912, 0.6313,

0.3472

0.3687

347.6605, 0.3615,
0.3463

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.2024, 0.4028,
0.3576

56.2024, 0.4028,
0.3576

48.3855, 0.4358,
0.3643

65.2286, 0.3742,
0.3503

41.7172, 0.4728,
0.3695

75.5048, 0.3500,
0.3428

36.1439, 0.5118,
0.3720

87.0802, 0.3297,
0.3357

31.6039, 0.5499,
0.3707

99.9958, 0.3127,
0.3290

■ 28.0288, 0.5829,
0.3650

■ 25.3340, 0.6076,
0.3557

■ 25.3309, 0.6076,
0.3557

Harmonies

Analogous

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



56.2024, 0.3850, 0.3213



56.2024, 0.4028, 0.3576



56.2024, 0.3942, 0.3901

Triad

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



56.2024, 0.4028, 0.3576



56.2024, 0.2767, 0.3749



56.2024, 0.2605, 0.2563

Complementary

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



56.2024, 0.4028, 0.3576



69.4705, 0.2526, 0.2978

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.



56.2024, 0.2359, 0.2642



56.2024, 0.4028, 0.3576



56.2024, 0.2445, 0.3307

Square

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



56.2024, 0.4028, 0.3576



56.2024, 0.3200, 0.4050



56.2024, 0.2303, 0.2901



56.2024, 0.3002, 0.2654

Rectangle

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



56.2024, 0.4028, 0.3576



56.2024, 0.3755, 0.4051



56.2024, 0.2303, 0.2901



56.2024, 0.2504, 0.2569

Sweetspot

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



56.2051, 0.4028, 0.3576



84.6597, 0.3335, 0.3371



49.7295, 0.3391, 0.2523



17.7883, 0.3360, 0.3380



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.



56.2051, 0.4028, 0.3576



49.8553, 0.4289, 0.3631



79.8658, 0.3822, 0.4062



18.7691, 0.3288, 0.3354



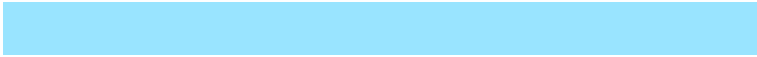
13.4448, 0.6048, 0.3580



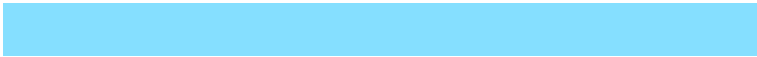
1.4788, 0.5829, 0.3753

Inverse Universe

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



69.4705, 0.2526, 0.2978



64.7321, 0.2420, 0.2904



46.0370, 0.2431, 0.2370



19.6198, 0.2980, 0.3226



22.7087, 0.2001, 0.2405



2.3901, 0.2033, 0.2518

Previews

White Background



This preview shows how the Yxy color 56.2024, 0.4028, 0.3576 looks on a white background.

Color Contrast Check

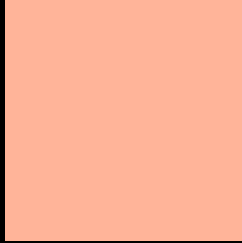
Large Text (above 18pt) WCAG AA × Fail

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 56.2024, 0.4028, 0.3576 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 56.2024, 0.4028, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 56.2024, 0.4028, 0.3576.



This preview shows how white text looks on a background with the Yxy color 56.2024, 0.4028, 0.3576.

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

56.2024, 0.4028, 0.3576

Protanopia

56.6630, 0.3507, 0.3735

Deuteranopia

56.3849, 0.3812, 0.3731



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.2024, 0.4028, 0.3576

Protanomaly

55.8990, 0.3689, 0.3672

Deuteranomaly

56.0856, 0.3889, 0.3666

Tritanomaly

56.2354, 0.3829, 0.3313

Monochromacy



Original Color

56.2024, 0.4028, 0.3576

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1367, 0.3430, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2024, 0.4028, 0.3576 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 153) }
```

Border

The CSS property to change the border of an element to Yxy 56.2024, 0.4028, 0.3576 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, 153) }
```

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

```
.border{ border-color:rgb(255, 180, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2024, 0.4028, 0.3576 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
180, 153) }
```

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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