

Converting Colors

Yxy(55.1695, 0.4069, 0.3588)

Have a look what the booklet for
Yxy(55.1695, 0.4069, 0.3588)
contains.

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Color

Yxy(55.3028, 0.4064, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	FFB296
RGB	255, 178, 150
RGB Percent	100%, 70%, 59%
CMY	0.0001, 0.3019, 0.4119
CMYK	0.00, 0.30, 0.41, 0.00
HSL	16°, 100%, 79%
HSV	16°, 41%, 100%
XYZ	62.6570, 55.3028, 36.2159
YIQ	197.8310, 54.8800, 7.6160

Conversions

Conversions Part 2

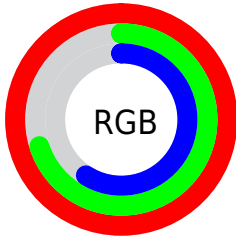
Format	Color
RYB	255, 188, 150
Decimal	16757398
CIELab	79.22, 24.75, 25.59
CIElCh	79, 35.600, 45.962
Yxy	55.3028, 0.4064, 0.3587
Android (android.graphics.Color)	4294947478 (0xFFFFB296)
YUV	197.8310, -23.5807, 50.1372
Hunter-Lab	74.3659, 20.2550, 23.1821

Details

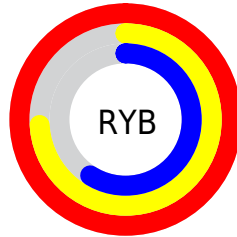
The Yxy color **55.3028, 0.4064, 0.3587** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.6006, 0.2509, 0.2964**, and the grayscale version is **56.4853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4653, 0.3468, 0.3592**, and **27.3038, 0.4312, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **47.6337, 0.4399, 0.3653**, and if you desaturate by 10%, it is **64.1691, 0.3773, 0.3513**.

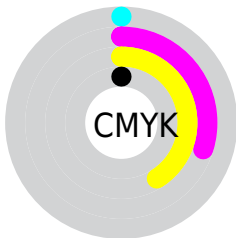
Distribution



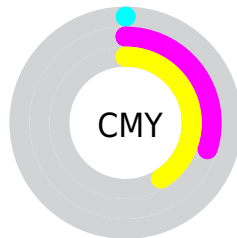
- Red (100%)
- Green (70%)
- Blue (59%)



- Red (100%)
- Yellow (74%)
- Blue (59%)



- Cyan (0%)
- Magenta (30%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3028, 0.4064, 0.3587 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 55.3028, 0.4064, 0.3587 by changing the saturation by 10% instead.


 55.3028, 0.4064,
0.3587

 55.3028, 0.4064,
0.3587


407.0587, 0.3605,
0.3461

 39.6442, 0.4174,
0.3611

 97.9845, 0.3900,
0.3547

 27.2612, 0.4312,
0.3639


 125.7763, 0.3838,
0.3530

 17.7695, 0.4491,
0.3668


158.3814, 0.3785,
0.3515

 10.7846, 0.4729,
0.3698


196.1841, 0.3739,
0.3502

 5.9222, 0.5057,
0.3717

239.5687, 0.3699,
0.3490

 2.7978, 0.5572,
0.3726

288.9198, 0.3664,

 1.0271, 0.6375,

0.3480

0.3625

344.6217, 0.3633,
0.3470

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3028, 0.4064,
0.3587

55.3028, 0.4064,
0.3587

47.6337, 0.4399,
0.3653

64.1691, 0.3773,
0.3513

41.1012, 0.4771,
0.3703

74.2734, 0.3526,
0.3438

35.6516, 0.5161,
0.3725

85.6648, 0.3319,
0.3366

31.2230, 0.5538,
0.3707

98.3869, 0.3146,
0.3298

■ 27.7467, 0.5858,
0.3645

99.9952, 0.3127,
0.3290

■ 25.4017, 0.6071,
0.3561

Harmonies

Analogous

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



55.3028, 0.3881, 0.3211



55.3028, 0.4064, 0.3587



55.3028, 0.3971, 0.3925

Triad

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



55.3028, 0.4064, 0.3587



55.3028, 0.2749, 0.3765



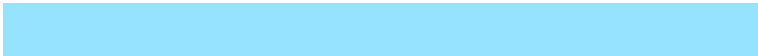
55.3028, 0.2588, 0.2537

Complementary

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



55.3028, 0.4064, 0.3587



68.6006, 0.2509, 0.2964

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.



55.3028, 0.2333, 0.2616



55.3028, 0.4064, 0.3587



55.3028, 0.2418, 0.3303

Square

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



55.3028, 0.4064, 0.3587



55.3028, 0.3197, 0.4081



55.3028, 0.2273, 0.2882



55.3028, 0.3000, 0.2632

Rectangle

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



55.3028, 0.4064, 0.3587



55.3028, 0.3775, 0.4081



55.3028, 0.2273, 0.2882



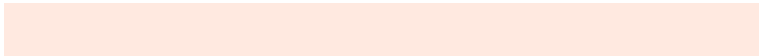
55.3028, 0.2483, 0.2543

Sweetspot

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



55.3055, 0.4064, 0.3587



84.6999, 0.3335, 0.3372



48.6052, 0.3417, 0.2516



17.7977, 0.3360, 0.3381



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.



55.3055, 0.4064, 0.3587



49.2178, 0.4322, 0.3640



80.3150, 0.3838, 0.4101



18.7761, 0.3288, 0.3354



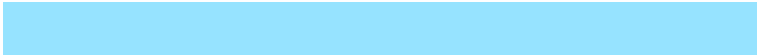
13.4835, 0.6043, 0.3584



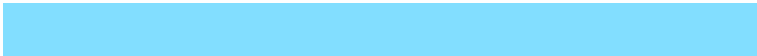
1.4834, 0.5824, 0.3758

Inverse Universe

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



68.6006, 0.2509, 0.2964



64.0145, 0.2406, 0.2891



44.1567, 0.2404, 0.2316



19.6123, 0.2980, 0.3225



22.5783, 0.1999, 0.2397



2.3783, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 55.3028, 0.4064, 0.3587 looks on a white background.

Color Contrast Check

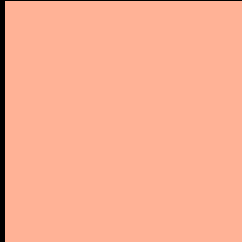
Large Text (above 18pt) WCAG AA × Fail

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 55.3028, 0.4064, 0.3587 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 55.3028, 0.4064, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 55.3028, 0.4064, 0.3587.



This preview shows how white text looks on a background with the Yxy color 55.3028, 0.4064, 0.3587.

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

55.3028, 0.4064, 0.3587

Protanopia

55.5038, 0.3527, 0.3750

Deuteranopia

55.6891, 0.3832, 0.3756



Tritanopia

55.1200, 0.3741, 0.3156

Trichromacy



Original Color

55.3028, 0.4064, 0.3587

Protanomaly

54.9305, 0.3721, 0.3684

Deuteranomaly

55.3931, 0.3910, 0.3690

Tritanomaly

54.9759, 0.3857, 0.3303

Monochromacy



Original Color

55.3028, 0.4064, 0.3587

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6579, 0.3440, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3028, 0.4064, 0.3587 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, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 150)  
}
```

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, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 150) }
```

Border

The CSS property to change the border of an element to Yxy 55.3028, 0.4064, 0.3587 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, 178, 150) }
```

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

```
.border{ border-color:rgb(255, 178, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3028, 0.4064, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 150) }
```

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

```
.background{ background-color: rgb(255,  
178, 150) }
```

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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