

Converting Colors

$Yxy(56.4497, 0.3827, 0.3257)$

Have a look what the booklet for
Yxy(56.4497, 0.3827, 0.3257)
contains.

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Color

Yxy(55.9996, 0.3796, 0.3260)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB1B4 |
| RGB | 255, 177, 180 |
| RGB Percent | 100%, 69%, 71% |
| CMY | 0.0000, 0.3059, 0.2940 |
| CMYK | 0.00, 0.31, 0.29, 0.00 |
| HSL | 358°, 100%, 85% |
| HSV | 358°, 31%, 100% |
| XYZ | 65.2069, 55.9996, 50.5714 |
| YIQ | 200.6640, 45.5250, 17.4690 |

Conversions

Conversions Part 2

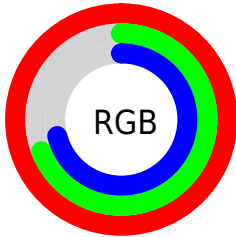
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 255, 177, 180 |
| Decimal | 16757172 |
| CIELab | 79.61, 28.86, 9.97 |
| CIELCh | 80, 30.528, 19.052 |
| Yxy | 55.9996, 0.3796, 0.3260 |
| Android (android.graphics.Color) | 4294947252 (0xFFFFB1B4) |
| YUV | 200.6640, -10.1874, 47.6527 |
| Hunter-Lab | 74.8329, 24.5815, 12.3153 |

Details

The Yxy color **55.9996, 0.3796, 0.3260** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.8924, 0.2700, 0.3322**, and the grayscale version is **58.2333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5940, 0.3258, 0.3261**, and **27.8179, 0.3983, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **45.9378, 0.4129, 0.3251**, and if you desaturate by 10%, it is **68.1202, 0.3526, 0.3270**.

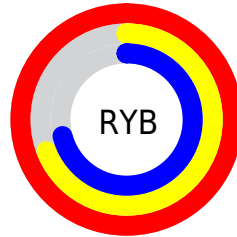
Distribution



Red (100%)

Green (69%)

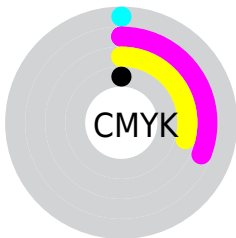
Blue (71%)



Red (100%)

Yellow (69%)

Blue (71%)

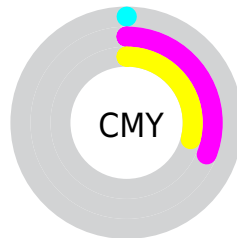


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9996, 0.3796, 0.3260 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 55.9996, 0.3796, 0.3260 by changing the saturation by 10% instead.

 55.9996, 0.3796,
0.3260

 55.9996, 0.3796,
0.3260


409.6900, 0.3469,
0.3282

 40.2026, 0.3875,
0.3253


 99.0040, 0.3679,
0.3269

 27.6965, 0.3976,
0.3243


126.9802, 0.3634,
0.3272

 18.0970, 0.4106,
0.3228


159.7849, 0.3597,
0.3275

 11.0197, 0.4284,
0.3205

197.8025, 0.3564,
0.3277

 6.0801, 0.4538,
0.3166

241.4174, 0.3536,
0.3278

 2.8938, 0.4928,
0.3093

291.0140, 0.3511,

 1.0766, 0.5717,

0.3280

0.2997

346.9768, 0.3489,
0.3281

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9996, 0.3796,
0.3260

55.9996, 0.3796,
0.3260

45.9378, 0.4129,
0.3251

68.1202, 0.3526,
0.3270

37.8202, 0.4528,
0.3243

82.4048, 0.3309,
0.3280

31.5213, 0.4982,
0.3240

98.9518, 0.3136,
0.3289

26.9011, 0.5457,
0.3242

100.0000, 0.3127,
0.3290

■ 23.7989, 0.5892,
0.3253

■ 22.0229, 0.6213,
0.3270

■ 21.2818, 0.6373,
0.3285

Harmonies

Analogous

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



55.9996, 0.3470, 0.2958



55.9996, 0.3796, 0.3260



55.9996, 0.3929, 0.3586

Triad

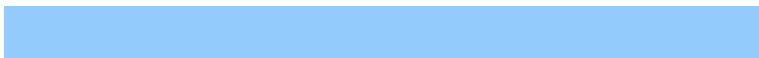
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.9996, 0.3796, 0.3260



55.9996, 0.3151, 0.3940



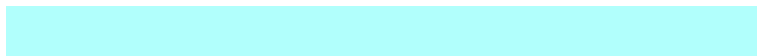
55.9996, 0.2457, 0.2697

Complementary

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



55.9996, 0.3796, 0.3260



87.8924, 0.2700, 0.3322

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.



55.9996, 0.2386, 0.2914



55.9996, 0.3796, 0.3260



55.9996, 0.2770, 0.3655

Square

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



55.9996, 0.3796, 0.3260



55.9996, 0.3541, 0.4009



55.9996, 0.2496, 0.3265



55.9996, 0.2696, 0.2640

Rectangle

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



55.9996, 0.3796, 0.3260



55.9996, 0.3888, 0.3782



55.9996, 0.2496, 0.3265



55.9996, 0.2413, 0.2752

Sweetspot

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



55.9997, 0.3796, 0.3260



84.8814, 0.3279, 0.3282



59.1907, 0.3132, 0.2519



17.6824, 0.3306, 0.3280



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.



55.9997, 0.3796, 0.3260



49.3198, 0.4002, 0.3254



71.5702, 0.3714, 0.3654



17.9985, 0.3288, 0.3281



11.1251, 0.6361, 0.3278



1.0871, 0.6269, 0.3227

Inverse Universe

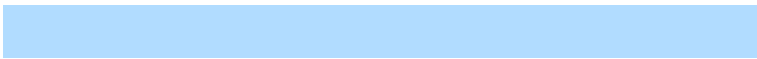
The Inverse Universe completely reimagines the original color for something new.



55.9997, 0.3796, 0.3260



49.3198, 0.4002, 0.3254



67.6998, 0.2640, 0.2895



17.9985, 0.3288, 0.3281



11.1251, 0.6361, 0.3278



1.0871, 0.6269, 0.3227

Previews

White Background



This preview shows how the Yxy color 55.9996, 0.3796, 0.3260 looks on a white background.

Color Contrast Check

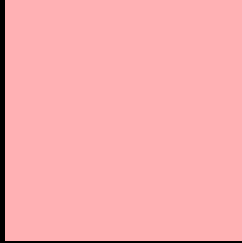
Large Text (above 18pt) WCAG AA × Fail

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 55.9996, 0.3796, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

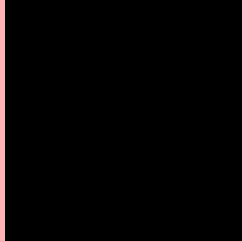
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9996, 0.3796, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 55.9996, 0.3796, 0.3260.



This preview shows how white text looks on a background with the Yxy color 55.9996, 0.3796, 0.3260.

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

55.9996, 0.3796, 0.3260

Protanopia

56.3906, 0.3220, 0.3362

Deuteranopia

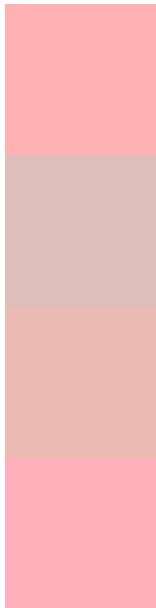
56.3232, 0.3507, 0.3441



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

55.9996, 0.3796, 0.3260

Protanomaly

55.9444, 0.3418, 0.3325

Deuteranomaly

56.0347, 0.3605, 0.3370

Tritanomaly

55.8558, 0.3745, 0.3187

Monochromacy



Original Color

55.9996, 0.3796, 0.3260

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

56.9217, 0.3358, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9996, 0.3796, 0.3260 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, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 180)  
}
```

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, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 180) }
```

Border

The CSS property to change the border of an element to Yxy 55.9996, 0.3796, 0.3260 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, 177, 180) }
```

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

```
.border{ border-color:rgb(255, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9996, 0.3796, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 180) }
```

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

```
.background{ background-color: rgb(255,  
177, 180) }
```

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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