

Converting Colors

Yxy(53.9810, 0.3813, 0.3442)

Have a look what the booklet for
Yxy(53.9810, 0.3813, 0.3442)
contains.

Yxy(54.0115, 0.3820, 0.3446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.0115, 0.3820, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	F3B3A5
RGB	243, 179, 165
RGB Percent	95%, 70%, 65%
CMY	0.0470, 0.2980, 0.3531
CMYK	0.00, 0.26, 0.32, 0.05
HSL	11°, 76%, 80%
HSV	11°, 32%, 95%
XYZ	59.8735, 54.0115, 42.8518
YIQ	196.5400, 42.6380, 9.2140

Conversions

Conversions Part 2

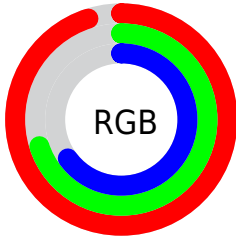
Format	Color
R _Y B	243, 182, 165
Decimal	15971237
CIE Lab	78.47, 21.42, 16.31
CIE LCh	78, 26.927, 37.282
Yxy	54.0115, 0.3820, 0.3446
Android (android.graphics.Color)	4294161317 (0xFFFF3B3A5)
YUV	196.5400, -15.5492, 40.7454
Hunter-Lab	73.4925, 16.8099, 16.8741

Details

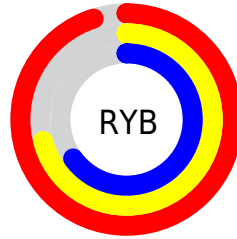
The Yxy color **54.0115, 0.3820, 0.3446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4908, 0.2648, 0.3127**, and the grayscale version is **55.6199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8440, 0.3360, 0.3440**, and **26.4283, 0.4007, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **45.7916, 0.4134, 0.3495**, and if you desaturate by 10%, it is **63.5592, 0.3557, 0.3395**.

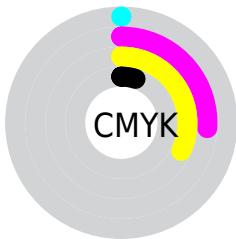
Distribution



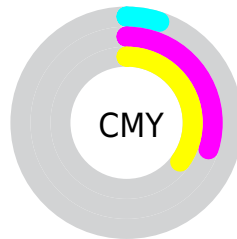
- Red (95%)
- Green (70%)
- Blue (65%)



- Red (95%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0115, 0.3820, 0.3446 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 54.0115, 0.3820, 0.3446 by changing the saturation by 10% instead.

 54.0115, 0.3820,
0.3446

 54.0115, 0.3820,
0.3446


402.1539, 0.3479,
0.3379

 38.6109, 0.3903,
0.3459


 96.0911, 0.3697,
0.3424

 26.4571, 0.4009,
0.3474


 123.5389, 0.3651,
0.3415

 17.1659, 0.4147,
0.3492


155.7712, 0.3611,
0.3408

 10.3529, 0.4335,
0.3509

193.1724, 0.3577,
0.3401

 5.6335, 0.4603,
0.3524

236.1268, 0.3548,
0.3394

 2.6236, 0.5014,
0.3522

285.0190, 0.3522,

 0.9385, 0.6234,

0.3389

0.3766

340.2332, 0.3499,
0.3384

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0115, 0.3820,
0.3446

54.0115, 0.3820,
0.3446

45.7916, 0.4134,
0.3495

63.5592, 0.3557,
0.3395

38.8330, 0.4500,
0.3538

74.4823, 0.3340,
0.3346

33.0749, 0.4909,
0.3567

86.8352, 0.3161,
0.3299

28.4484, 0.5336,
0.3573

97.7961, 0.3054,
0.3290

■ 24.8773, 0.5737,
0.3548

■ 22.2755, 0.6058,
0.3490

■ 20.8357, 0.6235,
0.3432

Harmonies

Analogous

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



54.0115, 0.3626, 0.3153



54.0115, 0.3820, 0.3446



54.0115, 0.3814, 0.3720

Triad

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



54.0115, 0.3820, 0.3446



54.0115, 0.2936, 0.3731



54.0115, 0.2640, 0.2709

Complementary

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



54.0115, 0.3820, 0.3446



70.4908, 0.2648, 0.3127

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.



54.0115, 0.2480, 0.2820



54.0115, 0.3820, 0.3446



54.0115, 0.2643, 0.3408

Square

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



54.0115, 0.3820, 0.3446



54.0115, 0.3292, 0.3915



54.0115, 0.2481, 0.3069



54.0115, 0.2932, 0.2742

Rectangle

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



54.0115, 0.3820, 0.3446



54.0115, 0.3700, 0.3856



54.0115, 0.2481, 0.3069



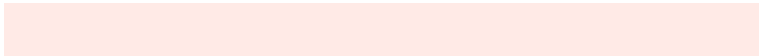
54.0115, 0.2570, 0.2729

Sweetspot

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



54.0141, 0.3820, 0.3446



85.8400, 0.3299, 0.3336



51.6687, 0.3271, 0.2612



17.9753, 0.3326, 0.3343



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.



54.0141, 0.3820, 0.3446



53.7001, 0.4034, 0.3481



71.3948, 0.3692, 0.3844



16.9644, 0.3289, 0.3333



11.5725, 0.6212, 0.3449



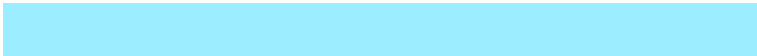
1.1483, 0.5991, 0.3625

Inverse Universe

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



70.4908, 0.2648, 0.3127



74.8770, 0.2555, 0.3086



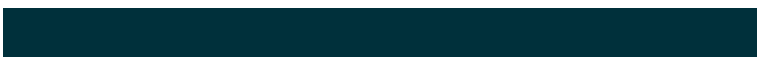
51.7216, 0.2591, 0.2664



18.2211, 0.2980, 0.3246



26.2259, 0.2085, 0.2704



2.4343, 0.2107, 0.2786

Previews

White Background



This preview shows how the Yxy color 54.0115, 0.3820, 0.3446 looks on a white background.

Color Contrast Check

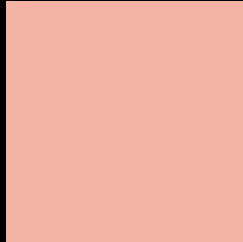
Large Text (above 18pt) WCAG AA × Fail

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 54.0115, 0.3820, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

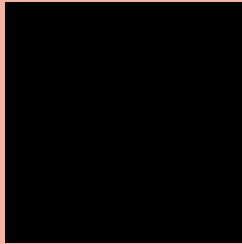
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0115, 0.3820, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 54.0115, 0.3820, 0.3446.



This preview shows how white text looks on a background with the Yxy color 54.0115, 0.3820, 0.3446.

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

54.0115, 0.3820, 0.3446

Protanopia

54.2586, 0.3370, 0.3560

Deuteranopia

54.0323, 0.3643, 0.3571



Tritanopia

53.7465, 0.3632, 0.3140

Trichromacy



Original Color

54.0115, 0.3820, 0.3446

Protanomaly

54.1652, 0.3534, 0.3527

Deuteranomaly

53.9502, 0.3705, 0.3520

Tritanomaly

53.5791, 0.3702, 0.3248

Monochromacy



Original Color

54.0115, 0.3820, 0.3446

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.6258, 0.3367, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0115, 0.3820, 0.3446 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(243, 179, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 179, 165)  
}
```

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(243, 179, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 179, 165) }
```

Border

The CSS property to change the border of an element to Yxy 54.0115, 0.3820, 0.3446 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(243, 179, 165) }
```

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

```
.border{ border-color:rgb(243, 179, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 179, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 179, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 179, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 179,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0115, 0.3820, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 179, 165) }
```

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

```
.background{ background-color: rgb(243,  
179, 165) }
```

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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