

Converting Colors

$Yxy(59.6022, 0.3814, 0.3472)$

Have a look what the booklet for
Yxy(59.6022, 0.3814, 0.3472)
contains.

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Color

Yxy(59.6022, 0.3814, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	FCBCAB
RGB	252, 188, 171
RGB Percent	99%, 74%, 67%
CMY	0.0119, 0.2627, 0.3293
CMYK	0.00, 0.25, 0.32, 0.01
HSL	13°, 93%, 83%
HSV	13°, 32%, 99%
XYZ	65.4732, 59.6022, 46.5900
YIQ	205.1980, 43.6010, 8.2810

Conversions

Conversions Part 2

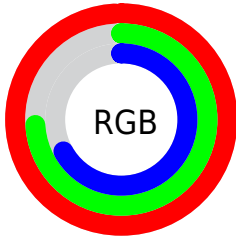
Format	Color
R _Y B	252, 193, 171
Decimal	16563371
CIE Lab	81.62, 20.80, 17.60
CIE LCh	82, 27.249, 40.242
Yxy	59.6022, 0.3814, 0.3472
Android (android.graphics.Color)	4294753451 (0xFFFCBCAB)
YUV	205.1980, -16.8596, 41.0454
Hunter-Lab	77.2025, 16.2763, 18.2615

Details

The Yxy color **59.6022, 0.3814, 0.3472** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0897, 0.2644, 0.3098**, and the grayscale version is **61.2732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4524, 0.3310, 0.3467**, and **29.8514, 0.3995, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **50.8061, 0.4122, 0.3530**, and if you desaturate by 10%, it is **69.7603, 0.3555, 0.3413**.

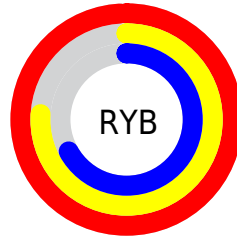
Distribution



Red (99%)

Green (74%)

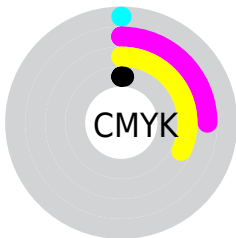
Blue (67%)



Red (99%)

Yellow (76%)

Blue (67%)

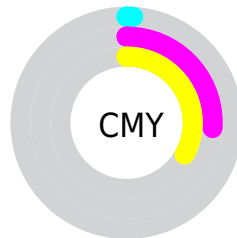


Cyan (0%)

Magenta (25%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (26%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6022, 0.3814, 0.3472 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 59.6022, 0.3814, 0.3472 by changing the saturation by 10% instead.


 59.6022, 0.3814,
0.3472

 59.6022, 0.3814,
0.3472


423.1299, 0.3481,
0.3394

 43.0981, 0.3893,
0.3488


 104.2524, 0.3696,
0.3446

 29.9621, 0.3993,
0.3506


133.1673, 0.3651,
0.3436

 19.8098, 0.4123,
0.3527


166.9878, 0.3612,
0.3427

 12.2569, 0.4296,
0.3551

206.0985, 0.3579,
0.3419

 6.9189, 0.4538,
0.3574

250.8836, 0.3550,
0.3412

 3.4114, 0.4899,
0.3589

301.7276, 0.3524,

 1.3501, 0.5778,

0.3405

0.3750

359.0150, 0.3502,
0.3399

0.1795, 0.7908,
0.2092

0.0000, 0.0000,
0.0000

59.6022, 0.3814,
0.3472

59.6022, 0.3814,
0.3472

50.8061, 0.4122,
0.3530

69.7603, 0.3555,
0.3413

43.3053, 0.4480,
0.3580

81.3264, 0.3339,
0.3355

37.0403, 0.4878,
0.3615

94.3551, 0.3161,
0.3301

31.9431, 0.5293,
0.3624

99.4307, 0.3108,
0.3290

■ 27.9392, 0.5686,
0.3599

■ 24.9448, 0.6005,
0.3536

■ 23.2283, 0.6186,
0.3470

Harmonies

Analogous

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



59.6022, 0.3642, 0.3183



59.6022, 0.3814, 0.3472



59.6022, 0.3788, 0.3735

Triad

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



59.6022, 0.3814, 0.3472



59.6022, 0.2908, 0.3694



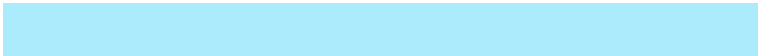
59.6022, 0.2673, 0.2717

Complementary

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



59.6022, 0.3814, 0.3472



75.0897, 0.2644, 0.3098

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.



59.6022, 0.2501, 0.2812



59.6022, 0.3814, 0.3472



59.6022, 0.2630, 0.3372

Square

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



59.6022, 0.3814, 0.3472



59.6022, 0.3254, 0.3892



59.6022, 0.2486, 0.3045



59.6022, 0.2970, 0.2763

Rectangle

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



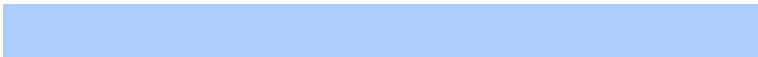
59.6022, 0.3814, 0.3472



59.6022, 0.3666, 0.3860



59.6022, 0.2486, 0.3045



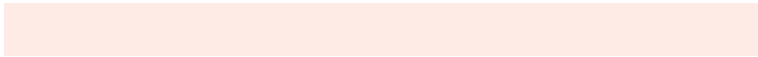
59.6022, 0.2600, 0.2733

Sweetspot

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



59.6050, 0.3814, 0.3472



86.2783, 0.3298, 0.3343



55.8669, 0.3293, 0.2636



18.0806, 0.3325, 0.3351



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.



59.6050, 0.3814, 0.3472



54.8651, 0.4021, 0.3512



78.9467, 0.3685, 0.3872



17.8156, 0.3289, 0.3340



12.2726, 0.6160, 0.3491



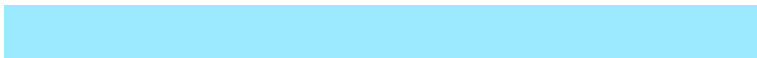
1.2825, 0.5941, 0.3665

Inverse Universe

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



75.0897, 0.2644, 0.3098



73.1564, 0.2549, 0.3051



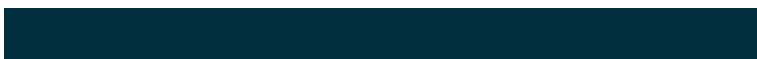
54.8537, 0.2586, 0.2629



18.9534, 0.2980, 0.3239



25.1811, 0.2055, 0.2599



2.4817, 0.2081, 0.2691

Previews

White Background



This preview shows how the Yxy color 59.6022, 0.3814, 0.3472 looks on a white background.

Color Contrast Check

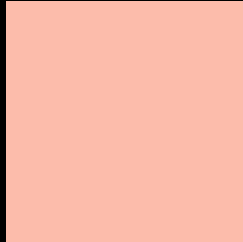
Large Text (above 18pt) WCAG AA × Fail

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 59.6022, 0.3814, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

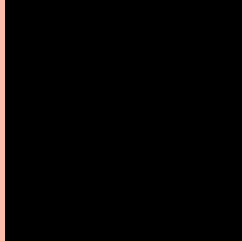
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6022, 0.3814, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 59.6022, 0.3814, 0.3472.



This preview shows how white text looks on a background with the Yxy color 59.6022, 0.3814, 0.3472.

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

59.6022, 0.3814, 0.3472

Protanopia

60.0724, 0.3390, 0.3584

Deuteranopia

59.5947, 0.3656, 0.3570



Tritanopia

59.6182, 0.3618, 0.3146

Trichromacy



Original Color

59.6022, 0.3814, 0.3472

Protanomaly

59.8142, 0.3540, 0.3552

Deuteranomaly

59.3023, 0.3716, 0.3533

Tritanomaly

59.3996, 0.3694, 0.3260

Monochromacy



Original Color

59.6022, 0.3814, 0.3472

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2267, 0.3356, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6022, 0.3814, 0.3472 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(252, 188, 171)` looks like.

```
.text, #text, p{  
    color:rgb(252, 188, 171)  
}
```

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(252, 188, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 188, 171) }
```

Border

The CSS property to change the border of an element to Yxy 59.6022, 0.3814, 0.3472 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(252, 188, 171) }
```

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

```
.border{ border-color:rgb(252, 188, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 188, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 188, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 188, 171);  
box-shadow:4px 4px 4px 4px rgb(252, 188,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6022, 0.3814, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 188, 171) }
```

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

```
.background{ background-color: rgb(252,  
188, 171) }
```

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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