

Converting Colors

$Y_{xy}(55.9811, 0.3722, 0.3050)$

Have a look what the booklet for
Yxy(55.9811, 0.3722, 0.3050)
contains.

| | |
|---|----|
| Yxy(54.7506, 0.3664, 0.3041) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(54.7506, 0.3664, 0.3041)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFACC4 |
| RGB | 255, 172, 196 |
| RGB Percent | 100%, 67%, 77% |
| CMY | 0.0000, 0.3255, 0.2313 |
| CMYK | 0.00, 0.33, 0.23, 0.00 |
| HSL | 343°, 100%, 84% |
| HSV | 343°, 33%, 100% |
| XYZ | 65.9672, 54.7506, 59.3237 |
| YIQ | 199.5530, 41.7640, 25.0600 |

Conversions

Conversions Part 2

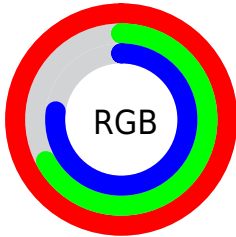
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 172, 196 |
| Decimal | 16755908 |
| CIE Lab | 78.90, 33.65, 0.27 |
| CIE LCh | 79, 33.651, 0.453 |
| Yxy | 54.7506, 0.3664, 0.3041 |
| Android (android.graphics.Color) | 4294945988 (0xFFFFACC4) |
| YUV | 199.5530, -1.7516, 48.6270 |
| Hunter-Lab | 73.9936, 29.6483, 4.2604 |

Details

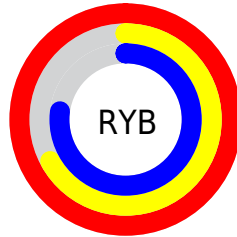
The Yxy color **54.7506, 0.3664, 0.3041** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.0572, 0.2778, 0.3558**, and the grayscale version is **57.4568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8387, 0.3152, 0.3048**, and **27.0170, 0.3812, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **45.1785, 0.3911, 0.2964**, and if you desaturate by 10%, it is **66.2761, 0.3460, 0.3121**.

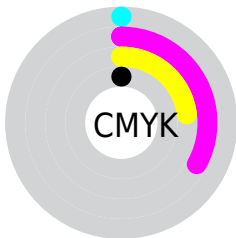
Distribution



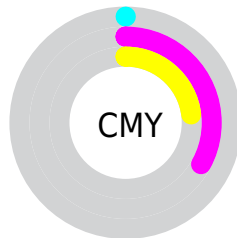
- Red (100%)
- Green (67%)
- Blue (77%)



- Red (100%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7506, 0.3664, 0.3041 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 54.7506, 0.3664, 0.3041 by changing the saturation by 10% instead.


 54.7506, 0.3664,
0.3041

 54.7506, 0.3664,
0.3041


404.9658, 0.3403,
0.3162

 39.2021, 0.3727,
0.3012


 97.1755, 0.3571,
0.3084

 26.9170, 0.3807,
0.2975


124.8206, 0.3535,
0.3101

 17.5109, 0.3910,
0.2926


157.2667, 0.3505,
0.3115

 10.5994, 0.4051,
0.2860

194.8982, 0.3479,
0.3127

 5.7981, 0.4253,
0.2766

238.0994, 0.3456,
0.3138

 2.7227, 0.4564,
0.2620

287.2549, 0.3436,

 0.9888, 0.5101,

0.3147

0.2368

342.7489, 0.3419,
0.3155

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7506, 0.3664,
0.3041

54.7506, 0.3664,
0.3041

45.1785, 0.3911,
0.2964

66.2761, 0.3460,
0.3121

37.4619, 0.4205,
0.2895

79.8692, 0.3293,
0.3198

31.4752, 0.4542,
0.2846

95.6204, 0.3157,
0.3272

27.0823, 0.4911,
0.2827

100.0000, 0.3127,
0.3290

■ 24.1264, 0.5285,
0.2851

■ 22.4183, 0.5629,
0.2921

■ 21.7518, 0.5848,
0.2995

Harmonies

Analogous

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



54.7506, 0.3227, 0.2759



54.7506, 0.3664, 0.3041



54.7506, 0.3957, 0.3390

Triad

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



54.7506, 0.3664, 0.3041



54.7506, 0.3424, 0.4094



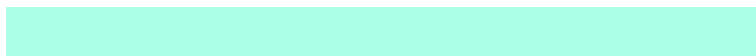
54.7506, 0.2317, 0.2760

Complementary

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



54.7506, 0.3664, 0.3041



86.0572, 0.2778, 0.3558

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.



54.7506, 0.2361, 0.3098



54.7506, 0.3664, 0.3041



54.7506, 0.2982, 0.3921

Square

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



54.7506, 0.3664, 0.3041



54.7506, 0.3803, 0.4009



54.7506, 0.2597, 0.3535



54.7506, 0.2467, 0.2590

Rectangle

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



54.7506, 0.3664, 0.3041



54.7506, 0.4019, 0.3628



54.7506, 0.2597, 0.3535



54.7506, 0.2309, 0.2855

Sweetspot

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



54.7464, 0.3664, 0.3041



83.6832, 0.3256, 0.3218



53.5591, 0.2969, 0.2429



17.4587, 0.3276, 0.3207



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.



54.7464, 0.3664, 0.3041



48.3609, 0.3818, 0.2991



60.4570, 0.3829, 0.3466



18.0735, 0.3249, 0.3221



11.3881, 0.5806, 0.2972



1.1268, 0.5486, 0.2796

Inverse Universe

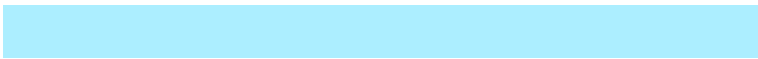
The Inverse Universe completely reimagines the original color for something new.



54.7464, 0.3664, 0.3041



48.3609, 0.3818, 0.2991



77.3700, 0.2639, 0.3105



18.0735, 0.3249, 0.3221



11.3881, 0.5806, 0.2972



1.1268, 0.5486, 0.2796

Previews

White Background



This preview shows how the Yxy color 54.7506, 0.3664, 0.3041 looks on a white background.

Color Contrast Check

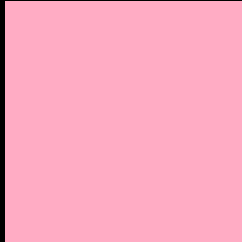
Large Text (above 18pt) WCAG AA × Fail

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 54.7506, 0.3664, 0.3041 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 54.7506, 0.3664, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 54.7506, 0.3664, 0.3041.



This preview shows how white text looks on a background with the Yxy color 54.7506, 0.3664, 0.3041.

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

54.7506, 0.3664, 0.3041

Protanopia

55.2358, 0.3026, 0.3122

Deuteranopia

54.8444, 0.3321, 0.3244



Tritanopia

54.9308, 0.3732, 0.3155

Trichromacy



Original Color

54.7506, 0.3664, 0.3041



Protanomaly

54.6520, 0.3244, 0.3095



Deuteranomaly

54.5850, 0.3441, 0.3167



Tritanomaly

54.6757, 0.3707, 0.3113

Monochromacy



Original Color

54.7506, 0.3664, 0.3041



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.1661, 0.3305, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7506, 0.3664, 0.3041 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, 172, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 196)  
}
```

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, 172, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 196) }
```

Border

The CSS property to change the border of an element to Yxy 54.7506, 0.3664, 0.3041 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, 172, 196) }
```

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

```
.border{ border-color:rgb(255, 172, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7506, 0.3664, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 196) }
```

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

```
.background{ background-color: rgb(255,  
172, 196) }
```

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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