

Converting Colors

Yxy(56.0591, 0.3711, 0.2988)

Have a look what the booklet for
Yxy(56.0591, 0.3711, 0.2988)
contains.

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Color

Yxy(54.1796, 0.3632, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAC8
RGB	255, 170, 200
RGB Percent	100%, 67%, 78%
CMY	0.0000, 0.3333, 0.2158
CMYK	0.00, 0.33, 0.22, 0.00
HSL	339°, 100%, 83%
HSV	339°, 33%, 100%
XYZ	66.0337, 54.1796, 61.5975
YIQ	198.8350, 41.0300, 27.3500

Conversions

Conversions Part 2

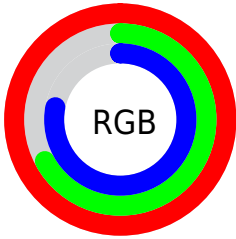
Format	Color
R _Y B	255, 170, 200
Decimal	16755400
CIE Lab	78.57, 35.23, -2.37
CIE LCh	79, 35.305, 356.158
Yxy	54.1796, 0.3632, 0.2980
Android (android.graphics.Color)	4294945480 (0xFFFFAAC8)
YUV	198.8350, 0.5743, 49.2567
Hunter-Lab	73.6068, 31.3229, 1.9082

Details

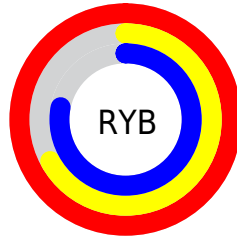
The Yxy color **54.1796, 0.3632, 0.2980** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.5003, 0.2797, 0.3627**, and the grayscale version is **56.9856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **26.6682, 0.3768, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **44.7994, 0.3858, 0.2886**, and if you desaturate by 10%, it is **65.5022, 0.3444, 0.3077**.

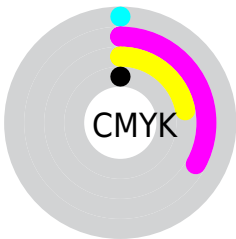
Distribution



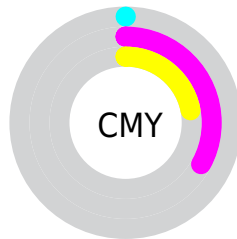
- Red (100%)
- Green (67%)
- Blue (78%)



- Red (100%)
- Yellow (67%)
- Blue (78%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1796, 0.3632, 0.2980 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 54.1796, 0.3632, 0.2980 by changing the saturation by 10% instead.


 54.1796, 0.3632,
0.2980

 54.1796, 0.3632,
0.2980


402.7945, 0.3387,
0.3129

 38.7453, 0.3691,
0.2944


 96.3379, 0.3545,
0.3033

 26.5616, 0.3765,
0.2900


123.8307, 0.3511,
0.3053

 17.2443, 0.3862,
0.2842


156.1117, 0.3483,
0.3070

 10.4088, 0.3993,
0.2764

193.5653, 0.3459,
0.3085

 5.6708, 0.4181,
0.2654

236.5761, 0.3437,
0.3098

 2.6460, 0.4469,
0.2487

285.5282, 0.3418,

 0.9498, 0.4965,

0.3110

0.2207

340.8063, 0.3402,
0.3120

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1796, 0.3632,
0.2980

54.1796, 0.3632,
0.2980

44.7994, 0.3858,
0.2886

65.5022, 0.3444,
0.3077

37.2439, 0.4124,
0.2803

78.8612, 0.3290,
0.3171

31.3941, 0.4429,
0.2741

94.3533, 0.3164,
0.3261

27.1136, 0.4762,
0.2712

99.9981, 0.3127,
0.3290

■ 24.2451, 0.5103,
0.2730

■ 22.5971, 0.5424,
0.2800

■ 21.9940, 0.5617,
0.2868

Harmonies

Analogous

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



54.1796, 0.3162, 0.2701



54.1796, 0.3632, 0.2980



54.1796, 0.3972, 0.3338

Triad

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



54.1796, 0.3632, 0.2980



54.1796, 0.3502, 0.4141



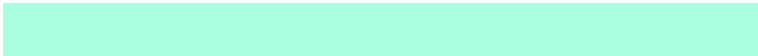
54.1796, 0.2271, 0.2772

Complementary

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



54.1796, 0.3632, 0.2980



85.5003, 0.2797, 0.3627

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.



54.1796, 0.2347, 0.3148



54.1796, 0.3632, 0.2980



54.1796, 0.3039, 0.4000

Square

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



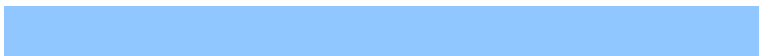
54.1796, 0.3632, 0.2980



54.1796, 0.3881, 0.4013



54.1796, 0.2619, 0.3614



54.1796, 0.2400, 0.2569

Rectangle

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



54.1796, 0.3632, 0.2980



54.1796, 0.4063, 0.3589



54.1796, 0.2619, 0.3614



54.1796, 0.2274, 0.2880

Sweetspot

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



54.1821, 0.3632, 0.2980



83.7774, 0.3245, 0.3202



51.7956, 0.2920, 0.2396



17.4814, 0.3264, 0.3189



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.



54.1821, 0.3632, 0.2980



47.7143, 0.3778, 0.2917



57.3498, 0.3872, 0.3411



18.0928, 0.3239, 0.3207



11.5189, 0.5574, 0.2844



1.1414, 0.5259, 0.2671

Inverse Universe

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



54.1821, 0.3632, 0.2980



47.7143, 0.3778, 0.2917



80.2644, 0.2636, 0.3164



18.0928, 0.3239, 0.3207



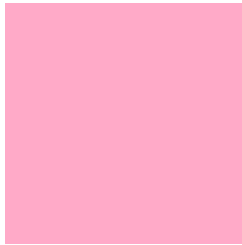
11.5189, 0.5574, 0.2844



1.1414, 0.5259, 0.2671

Previews

White Background



This preview shows how the Yxy color 54.1796, 0.3632, 0.2980 looks on a white background.

Color Contrast Check

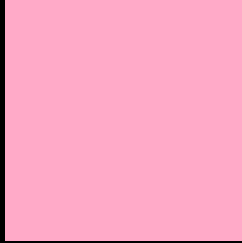
Large Text (above 18pt) WCAG AA × Fail

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 54.1796, 0.3632, 0.2980 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 54.1796, 0.3632, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 54.1796, 0.3632, 0.2980.



This preview shows how white text looks on a background with the Yxy color 54.1796, 0.3632, 0.2980.

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

54.1796, 0.3632, 0.2980

Protanopia

54.7761, 0.2975, 0.3050

Deuteranopia

54.5725, 0.3264, 0.3197



Tritanopia

53.9329, 0.3738, 0.3144

Trichromacy



Original Color

54.1796, 0.3632, 0.2980



Protanomaly

53.9003, 0.3198, 0.3015



Deuteranomaly

54.0271, 0.3392, 0.3111



Tritanomaly

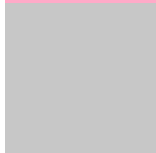
53.9582, 0.3703, 0.3082

Monochromacy



Original Color

54.1796, 0.3632, 0.2980



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.1500, 0.3299, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1796, 0.3632, 0.2980 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, 170, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 200)  
}
```

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, 170, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.1796, 0.3632, 0.2980 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, 170, 200) }
```

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

```
.border{ border-color:rgb(255, 170, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 170, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1796, 0.3632, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 200) }
```

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

```
.background{ background-color: rgb(255,  
170, 200) }
```

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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