

Converting Colors

$Y_{xy}(52.5536, 0.3557, 0.2892)$

Have a look what the booklet for
Yxy(52.5536, 0.3557, 0.2892)
contains.

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Color

Yxy(52.5544, 0.3557, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	FBA7CD
RGB	251, 167, 205
RGB Percent	98%, 65%, 80%
CMY	0.0157, 0.3450, 0.1961
CMYK	0.00, 0.33, 0.18, 0.02
HSL	333°, 91%, 82%
HSV	333°, 33%, 98%
XYZ	64.6167, 52.5544, 64.4895
YIQ	196.4480, 37.8660, 29.6260

Conversions

Conversions Part 2

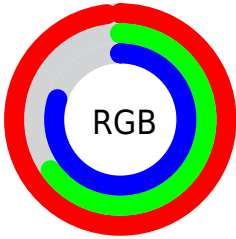
Format	Color
R_{YB}	251, 167, 205
Decimal	16492493
CIE _{Lab}	77.61, 36.15, -6.56
CIE _{LCh}	78, 36.742, 349.713
Yxy	52.5544, 0.3557, 0.2893
Android (android.graphics.Color)	4294682573 (0xFFFB7CD)
YUV	196.4480, 4.2161, 47.8421
Hunter-Lab	72.4944, 32.2377, -1.9970

Details

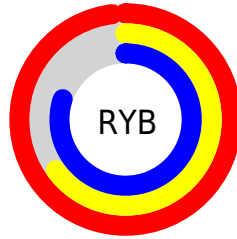
The Yxy color $52.5544, 0.3557, 0.2893$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $82.0068, 0.2839, 0.3729$, and the grayscale version is $55.4434, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2554, 0.3142, 0.2980$, and $25.6064, 0.3666, 0.2794$ is the 20% darker color. If you saturate the color by 10%, you get $43.6000, 0.3745, 0.2773$, and if you desaturate by 10%, it is $63.3565, 0.3399, 0.3016$.

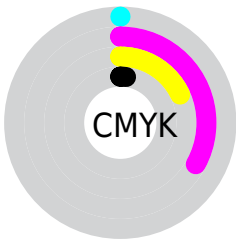
Distribution



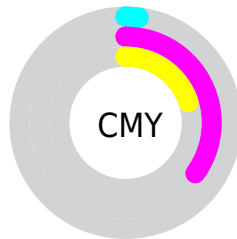
- Red (98%)
- Green (65%)
- Blue (80%)



- Red (98%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (33%)
- Yellow (18%)
- Black (2%)




- Cyan (2%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5544, 0.3557, 0.2893 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 52.5544, 0.3557, 0.2893 by changing the saturation by 10% instead.


 52.5544, 0.3557,
0.2893

 52.5544, 0.3557,
0.2893


396.5732, 0.3349,
0.3082

 37.4472, 0.3607,
0.2849

 93.9483, 0.3483,
0.2960

 25.5539, 0.3669,
0.2793


 121.0039, 0.3455,
0.2985

 16.4902, 0.3751,
0.2722


152.8109, 0.3431,
0.3007

 9.8717, 0.3861,
0.2626

189.7539, 0.3410,
0.3026

 5.3140, 0.4017,
0.2493

232.2172, 0.3392,
0.3043

 2.4326, 0.4256,
0.2295

280.5853, 0.3376,

 0.8426, 0.4666,

0.3057

0.1971

335.2425, 0.3362,
0.3070

0.0000, 0.7870,
0.0000

0.0000, 0.0000,
0.0000

52.5544, 0.3557,
0.2893

52.5544, 0.3557,
0.2893

43.6000, 0.3745,
0.2773

63.3565, 0.3399,
0.3016

36.3809, 0.3963,
0.2665

76.0956, 0.3268,
0.3137

30.7835, 0.4211,
0.2580

90.8641, 0.3160,
0.3252

26.6779, 0.4482,
0.2530

99.2465, 0.3102,
0.3290

■ 23.9135, 0.4763,
0.2528

■ 22.3074, 0.5036,
0.2582

■ 21.7102, 0.5205,
0.2641

Harmonies

Analogous

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



52.5544, 0.3054, 0.2627



52.5544, 0.3557, 0.2893



52.5544, 0.3958, 0.3254

Triad

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



52.5544, 0.3557, 0.2893



52.5544, 0.3616, 0.4178



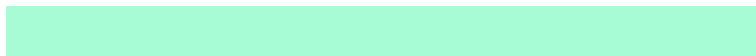
52.5544, 0.2230, 0.2815

Complementary

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



52.5544, 0.3557, 0.2893



82.0068, 0.2839, 0.3729

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.



52.5544, 0.2354, 0.3241



52.5544, 0.3557, 0.2893



52.5544, 0.3137, 0.4096

Square

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



52.5544, 0.3557, 0.2893



52.5544, 0.3980, 0.3990



52.5544, 0.2678, 0.3733



52.5544, 0.2319, 0.2563

Rectangle

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



52.5544, 0.3557, 0.2893



52.5544, 0.4095, 0.3516



52.5544, 0.2678, 0.3733



52.5544, 0.2248, 0.2940

Sweetspot

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



52.5568, 0.3557, 0.2893



83.9285, 0.3228, 0.3177



48.5744, 0.2853, 0.2376



17.5178, 0.3244, 0.3161



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.



52.5568, 0.3557, 0.2893



48.1720, 0.3677, 0.2813



51.9769, 0.3905, 0.3322



17.3557, 0.3223, 0.3183



11.4418, 0.5165, 0.2619



1.0808, 0.4872, 0.2458

Inverse Universe

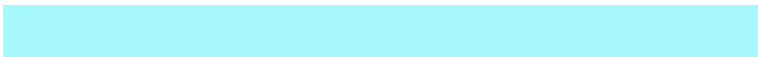
The Inverse Universe completely reimagines the original color for something new.



52.5568, 0.3557, 0.2893



48.1720, 0.3677, 0.2813



82.4306, 0.2647, 0.3258



17.3557, 0.3223, 0.3183



11.4418, 0.5165, 0.2619



1.0808, 0.4872, 0.2458

Previews

White Background



This preview shows how the Yxy color 52.5544, 0.3557, 0.2893 looks on a white background.

Color Contrast Check

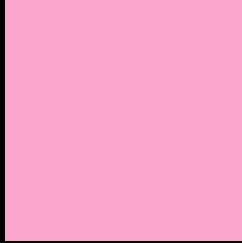
Large Text (above 18pt) WCAG AA × Fail

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 52.5544, 0.3557, 0.2893 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 52.5544, 0.3557, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 52.5544, 0.3557, 0.2893.



This preview shows how white text looks on a background with the Yxy color 52.5544, 0.3557, 0.2893.

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

52.5544, 0.3557, 0.2893

Protanopia

52.9937, 0.2888, 0.2940

Deuteranopia

52.6003, 0.3185, 0.3112



Tritanopia

52.7262, 0.3724, 0.3153

Trichromacy



Original Color

52.5544, 0.3557, 0.2893



Protanomaly

52.0638, 0.3104, 0.2908



Deuteranomaly

52.1924, 0.3320, 0.3028



Tritanomaly

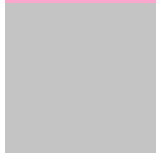
52.8792, 0.3661, 0.3058

Monochromacy



Original Color

52.5544, 0.3557, 0.2893



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.4204, 0.3277, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5544, 0.3557, 0.2893 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(251, 167, 205)` looks like.

```
.text, #text, p{  
    color:rgb(251, 167, 205)  
}
```

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(251, 167, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 167, 205) }
```

Border

The CSS property to change the border of an element to Yxy 52.5544, 0.3557, 0.2893 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(251, 167, 205) }
```

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

```
.border{ border-color:rgb(251, 167, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 167, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 167, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 167, 205);  
box-shadow:4px 4px 4px 4px rgb(251, 167,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5544, 0.3557, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 167, 205) }
```

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

```
.background{ background-color: rgb(251,  
167, 205) }
```

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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