

Converting Colors

Yxy(62.7935, 0.3519, 0.3168)

Have a look what the booklet for
Yxy(62.7935, 0.3519, 0.3168)
contains.

Yxy(62.5681, 0.3518, 0.3166)	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(62.5681, 0.3518, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FBC0CC
RGB	251, 192, 204
RGB Percent	98%, 75%, 80%
CMY	0.0158, 0.2470, 0.2000
CMYK	0.00, 0.23, 0.19, 0.02
HSL	348°, 88%, 87%
HSV	348°, 23%, 98%
XYZ	69.5245, 62.5681, 65.5325
YIQ	211.0090, 31.3120, 16.2400

Conversions

Conversions Part 2

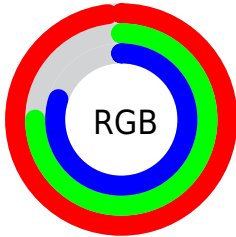
Format	Color
R _Y B	251, 192, 204
Decimal	16498892
CIE Lab	83.21, 22.86, 2.20
CIE LCh	83, 22.965, 5.494
Yxy	62.5681, 0.3518, 0.3166
Android (android.graphics.Color)	4294688972 (0xFFFB00CC)
YUV	211.0090, -3.4554, 35.0721
Hunter-Lab	79.1000, 18.4666, 6.2496

Details

The Yxy color **62.5681, 0.3518, 0.3166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.4198, 0.2841, 0.3419**, and the grayscale version is **65.1559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.8483, 0.3621, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **51.5732, 0.3753, 0.3110**, and if you desaturate by 10%, it is **75.5712, 0.3327, 0.3221**.

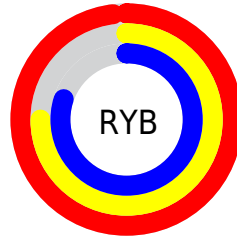
Distribution



Red (98%)

Green (75%)

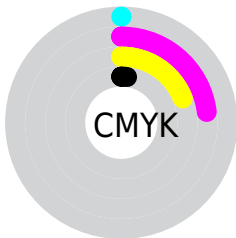
Blue (80%)



Red (98%)

Yellow (75%)

Blue (80%)

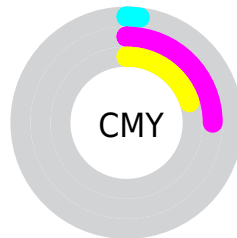


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (2%)



Cyan (2%)


Magenta (25%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5681, 0.3518, 0.3166 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 62.5681, 0.3518, 0.3166 by changing the saturation by 10% instead.


 62.5681, 0.3518,
0.3166

 62.5681, 0.3518,
0.3166


434.0003, 0.3332,
0.3226

 45.4919, 0.3562,
0.3152


 108.5462, 0.3452,
0.3187

 31.8451, 0.3617,
0.3133


138.2168, 0.3427,
0.3196

 21.2432, 0.3688,
0.3110


172.8544, 0.3405,
0.3203

 13.3019, 0.3783,
0.3078

212.8434, 0.3387,
0.3209

 7.6367, 0.3917,
0.3032

258.5680, 0.3370,
0.3214

 3.8634, 0.4118,
0.2962


310.4128, 0.3356,

 1.5974, 0.4454,


0.3218


0.2841


368.7621, 0.3343,
0.3223


 0.3559, 0.6035,
0.2393


 0.0000, 0.0000,
0.0000


 62.5681, 0.3518,
0.3166


 62.5681, 0.3518,
0.3166


 51.5732, 0.3753,
0.3110

 75.5712, 0.3327,
0.3221

 42.4779, 0.4039,
0.3057

 90.6669, 0.3174,
0.3273

 35.1765, 0.4379,
0.3012

 99.2446, 0.3102,
0.3290

 29.5495, 0.4767,
0.2984

■ 25.4625, 0.5182,
0.2982

■ 22.7605, 0.5587,
0.3015

■ 21.2552, 0.5931,
0.3083

■ 20.7433, 0.6106,
0.3137

Harmonies

Analogous

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



62.5681, 0.3247, 0.2961



62.5681, 0.3518, 0.3166



62.5681, 0.3683, 0.3408

Triad

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



62.5681, 0.3518, 0.3166



62.5681, 0.3282, 0.3797



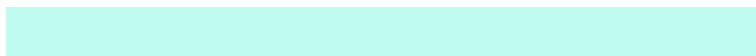
62.5681, 0.2592, 0.2918

Complementary

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



62.5681, 0.3518, 0.3166



86.4198, 0.2841, 0.3419

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.



62.5681, 0.2601, 0.3130



62.5681, 0.3518, 0.3166



62.5681, 0.2991, 0.3657

Square

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



62.5681, 0.3518, 0.3166



62.5681, 0.3540, 0.3782



62.5681, 0.2744, 0.3404



62.5681, 0.2718, 0.2816

Rectangle

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



62.5681, 0.3518, 0.3166



62.5681, 0.3706, 0.3564



62.5681, 0.2744, 0.3404



62.5681, 0.2580, 0.2978

Sweetspot

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



62.5710, 0.3518, 0.3166



88.2527, 0.3224, 0.3255



62.8826, 0.3058, 0.2686



18.6840, 0.3233, 0.3252



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.



62.5710, 0.3518, 0.3166



59.4568, 0.3618, 0.3141



69.7761, 0.3577, 0.3465



17.2828, 0.3262, 0.3242



10.9225, 0.6070, 0.3117



1.0261, 0.5754, 0.2943

Inverse Universe

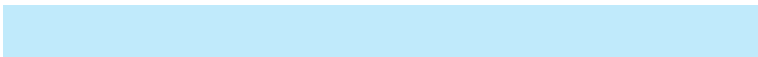
The Inverse Universe completely reimagines the original color for something new.



62.5710, 0.3518, 0.3166



59.4568, 0.3618, 0.3141



77.1721, 0.2764, 0.3107



17.2828, 0.3262, 0.3242



10.9225, 0.6070, 0.3117



1.0261, 0.5754, 0.2943

Previews

White Background



This preview shows how the Yxy color 62.5681, 0.3518, 0.3166 looks on a white background.

Color Contrast Check

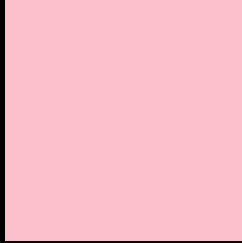
Large Text (above 18pt) WCAG AA × Fail

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 62.5681, 0.3518, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

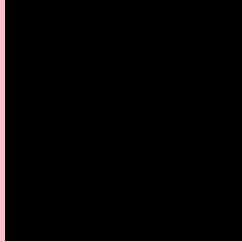
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5681, 0.3518, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 62.5681, 0.3518, 0.3166.

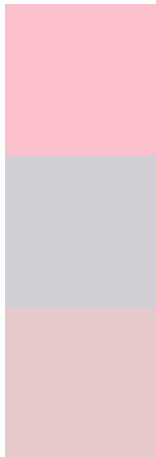


This preview shows how white text looks on a background with the Yxy color 62.5681, 0.3518, 0.3166.

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

62.5681, 0.3518, 0.3166

Protanopia

63.0808, 0.3115, 0.3233

Deuteranopia

62.8606, 0.3349, 0.3280



Tritanopia

62.6647, 0.3502, 0.3145

Trichromacy



Original Color

62.5681, 0.3518, 0.3166

Protanomaly

62.8521, 0.3255, 0.3213

Deuteranomaly

62.8771, 0.3410, 0.3237

Tritanomaly

62.6163, 0.3510, 0.3155

Monochromacy



Original Color

62.5681, 0.3518, 0.3166

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.9085, 0.3268, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5681, 0.3518, 0.3166 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, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(251, 192, 204)  
}
```

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, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 192, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.5681, 0.3518, 0.3166 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, 192, 204) }
```

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

```
.border{ border-color:rgb(251, 192, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(251, 192,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5681, 0.3518, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 192, 204) }
```

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

```
.background{ background-color: rgb(251,  
192, 204) }
```

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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