

Converting Colors

$Yxy(90.0714, 0.3195, 0.3239)$

Have a look what the booklet for
Yxy(90.0714, 0.3195, 0.3239)
contains.

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Color

Yxy(90.1727, 0.3195, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F5
RGB	255, 240, 245
RGB Percent	100%, 94%, 96%
CMY	0.0002, 0.0587, 0.0392
CMYK	0.00, 0.06, 0.04, 0.00
HSL	340°, 99%, 97%
HSV	340°, 6%, 100%
XYZ	88.8654, 90.1727, 99.1010
YIQ	245.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

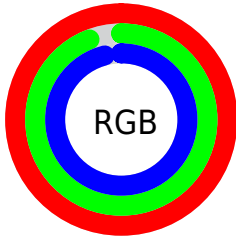
Format	Color
R _Y B	255, 240, 245
Decimal	16773365
CIE Lab	96.07, 5.86, -0.60
CIE LCh	96, 5.894, 354.153
Yxy	90.1727, 0.3195, 0.3242
Android (android.graphics.Color)	4294963445 (0xFFFF0F5)
YUV	245.0550, -0.0271, 8.7218
Hunter-Lab	94.9593, 0.8663, 4.5956

Details

The Yxy color **90.1727, 0.3195, 0.3242** is a light color, and the websafe version is hex **FFFFFF**, and the color name is **lavenderblush**. A complement of this color would be **96.9161, 0.3064, 0.3339**, and the grayscale version is **91.3502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9609, 0.3206, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **75.2124, 0.3332, 0.3156**, and if you desaturate by 10%, it is **99.9898, 0.3127, 0.3290**.

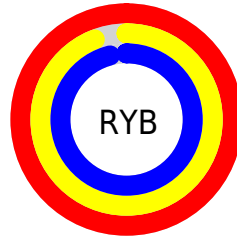
Distribution



Red (100%)

Green (94%)

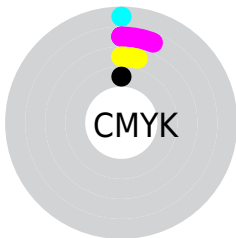
Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)

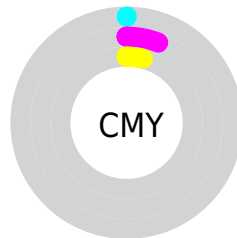


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1727, 0.3195, 0.3242 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 90.1727, 0.3195, 0.3242 by changing the saturation by 10% instead.

 90.1727, 0.3195,
0.3242

 90.1727, 0.3195,
0.3242


528.5925, 0.3165,
0.3263

 68.1239, 0.3202,
0.3237


147.5783, 0.3185,
0.3249

 49.9985, 0.3210,
0.3232


183.7038, 0.3181,
0.3252

 35.4122, 0.3220,
0.3224


225.2904, 0.3177,
0.3255

 23.9806, 0.3233,
0.3215

272.7224, 0.3174,
0.3257

 15.3192, 0.3249,
0.3203

326.3842, 0.3171,
0.3259

 9.0437, 0.3273,
0.3187

386.6602, 0.3169,

 4.7697, 0.3307,

0.3260

0.3163

453.9348, 0.3167,
0.3262

■ 2.1128, 0.3363,
0.3124

■ 0.6718, 0.3510,
0.3017

■ 90.1727, 0.3195,
0.3242

■ 90.1727, 0.3195,
0.3242

■ 75.2124, 0.3332,
0.3156

99.9898, 0.3127,
0.3290

■ 62.3625, 0.3499,
0.3065

■ 51.5307, 0.3702,
0.2974

■ 42.6132, 0.3946,
0.2887

■ 35.4972, 0.4233,
0.2813

■ 30.0575, 0.4558,
0.2762

■ 26.1529, 0.4906,
0.2749

■ 23.6188, 0.5255,
0.2782

■ 22.2513, 0.5572,
0.2866

Harmonies

Analogous

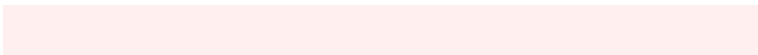
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1727, 0.3130, 0.3198



90.1727, 0.3195, 0.3242



90.1727, 0.3242, 0.3299

Triad

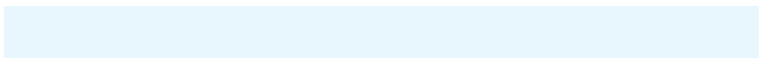
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1727, 0.3195, 0.3242



90.1727, 0.3188, 0.3405



90.1727, 0.2999, 0.3224

Complementary

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



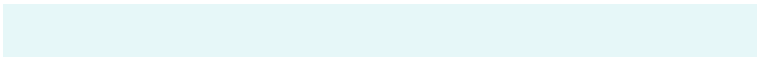
90.1727, 0.3195, 0.3242



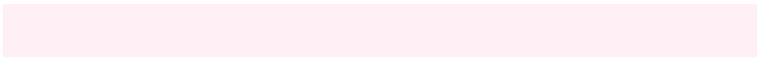
96.9161, 0.3064, 0.3339

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.



90.1727, 0.3014, 0.3280



90.1727, 0.3195, 0.3242



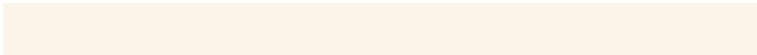
90.1727, 0.3123, 0.3385

Square

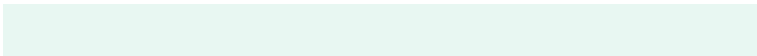
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



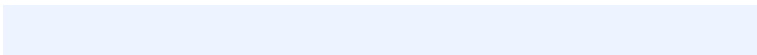
90.1727, 0.3195, 0.3242



90.1727, 0.3238, 0.3394



90.1727, 0.3059, 0.3339



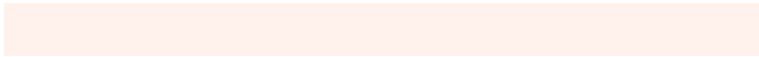
90.1727, 0.3018, 0.3187

Rectangle

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



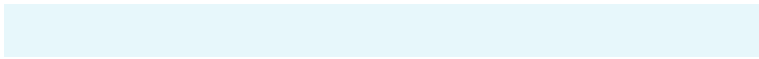
90.1727, 0.3195, 0.3242



90.1727, 0.3256, 0.3337



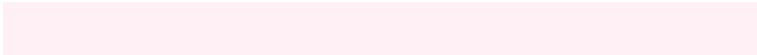
90.1727, 0.3059, 0.3339



90.1727, 0.3000, 0.3241

Sweetspot

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



90.1766, 0.3195, 0.3242



96.5719, 0.3149, 0.3274



89.8701, 0.3102, 0.3145



20.7063, 0.3148, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

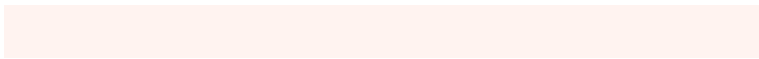
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1766, 0.3195, 0.3242



88.3920, 0.3209, 0.3232



91.3517, 0.3224, 0.3314



18.7162, 0.3217, 0.3227



11.4754, 0.5648, 0.2885



1.1366, 0.5330, 0.2710

Inverse Universe

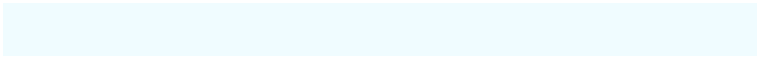
The Inverse Universe completely reimagines the original color for something new.



90.1766, 0.3195, 0.3242



88.3920, 0.3209, 0.3232



95.6558, 0.3036, 0.3265



18.7162, 0.3217, 0.3227



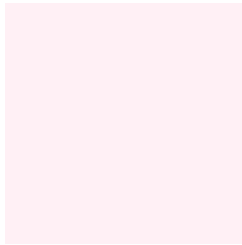
11.4754, 0.5648, 0.2885



1.1366, 0.5330, 0.2710

Previews

White Background



This preview shows how the Yxy color 90.1727, 0.3195, 0.3242 looks on a white background.

Color Contrast Check

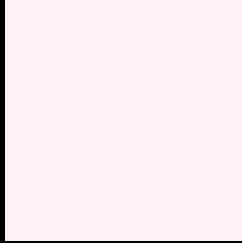
Large Text (above 18pt) WCAG AA × Fail

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 90.1727, 0.3195, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

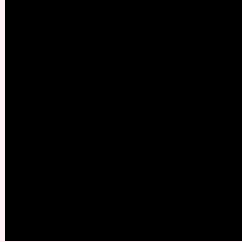
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

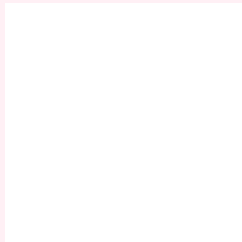
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1727, 0.3195, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 90.1727, 0.3195, 0.3242.

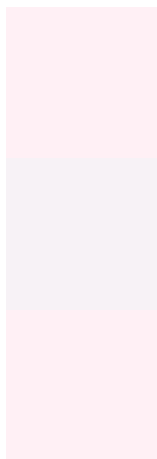


This preview shows how white text looks on a background with the Yxy color 90.1727, 0.3195, 0.3242.

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

90.1727, 0.3195, 0.3242

Protanopia

89.9322, 0.3136, 0.3251

Deuteranopia

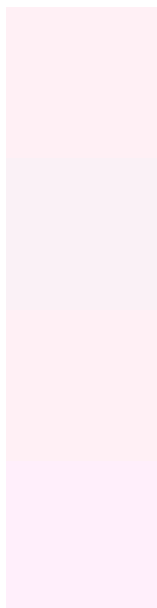
90.1727, 0.3195, 0.3242



Tritanopia

90.2130, 0.3134, 0.3136

Trichromacy



Original Color

90.1727, 0.3195, 0.3242

Protanomaly

89.8884, 0.3156, 0.3241

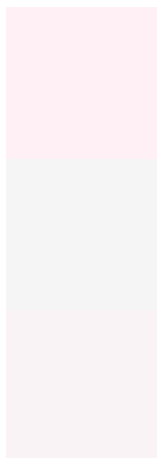
Deuteranomaly

90.1727, 0.3195, 0.3242

Tritanomaly

89.9580, 0.3159, 0.3174

Monochromacy



Original Color

90.1727, 0.3195, 0.3242

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

90.8335, 0.3154, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1727, 0.3195, 0.3242 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, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 245)  
}
```

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, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 245) }
```

Border

The CSS property to change the border of an element to Yxy 90.1727, 0.3195, 0.3242 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, 240, 245) }
```

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

```
.border{ border-color:rgb(255, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
245) }
```


Background

The CSS property to change the background color of an element to `rgb(90.1727, 0.3195, 0.3242)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 245) }
```

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

```
.background{ background-color: rgb(255,  
240, 245) }
```

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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