

Converting Colors

$Y_{xy}(92.1127, 0.3092, 0.3216)$

Have a look what the booklet for
Yxy(92.1127, 0.3092, 0.3216)
contains.

Yxy(92.1708, 0.3092, 0.3212)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.1708, 0.3092, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	F7F5FD
RGB	247, 245, 253
RGB Percent	97%, 96%, 99%
CMY	0.0316, 0.0391, 0.0078
CMYK	0.02, 0.03, 0.00, 0.01
HSL	254°, 67%, 98%
HSV	254°, 3%, 99%
XYZ	88.7273, 92.1708, 106.0596
YIQ	246.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

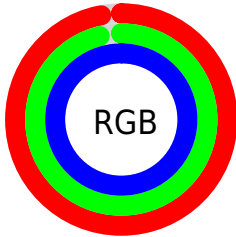
Format	Color
R _Y B	247, 245, 253
Decimal	16250365
CIE Lab	96.89, 2.07, -3.62
CIE LCh	97, 4.167, 299.752
Yxy	92.1708, 0.3092, 0.3212
Android (android.graphics.Color)	4294440445 (0xFFFF7F5FD)
YUV	246.5100, 3.1996, 0.4297
Hunter-Lab	96.0056, -3.0422, 1.7050

Details

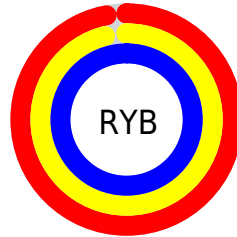
The Yxy color 92.1708, 0.3092, 0.3212 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.3856, 0.3162, 0.3367, and the grayscale version is 92.5653, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.4571, 0.3091, 0.3203 is the 20% darker color. If you saturate the color by 10%, you get 74.5811, 0.2969, 0.2946, and if you desaturate by 10%, it is 99.8732, 0.3139, 0.3309.

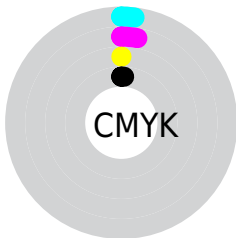
Distribution



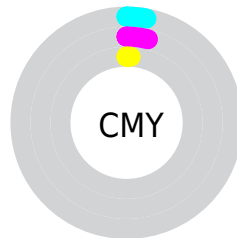
- Red (97%)
- Green (96%)
- Blue (99%)



- Red (97%)
- Yellow (96%)
- Blue (99%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (3%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1708, 0.3092, 0.3212 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 92.1708, 0.3092, 0.3212 by changing the saturation by 10% instead.

 92.1708, 0.3092,
0.3212

 92.1708, 0.3092,
0.3212


535.0674, 0.3108,
0.3247

 69.7825, 0.3089,
0.3204


150.3501, 0.3097,
0.3224

 51.3492, 0.3084,
0.3195


186.9099, 0.3099,
0.3228

 36.4866, 0.3079,
0.3184

228.9623, 0.3101,
0.3232

 24.8103, 0.3072,
0.3170

276.8917, 0.3103,
0.3236

 15.9357, 0.3064,
0.3151

331.0825, 0.3104,
0.3239

 9.4787, 0.3052,
0.3125

391.9191, 0.3106,

 5.0547, 0.3034,

0.3242

0.3087

459.7860, 0.3107,
0.3244

■ 2.2794, 0.3005,
0.3027

■ 0.7628, 0.2952,
0.2904

■ 92.1708, 0.3092,
0.3212

■ 92.1708, 0.3092,
0.3212

■ 74.5811, 0.2969,
0.2946

99.8732, 0.3139,
0.3309

■ 59.3458, 0.2829,
0.2653

■ 46.3672, 0.2670,
0.2336

■ 35.5363, 0.2497,
0.2005

■ 26.7352, 0.2314,
0.1672

■ 19.8340, 0.2130,
0.1358

■ 14.6876, 0.1956,
0.1083

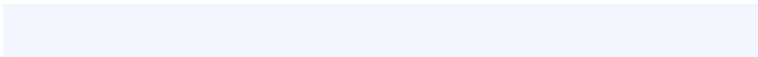
■ 11.1293, 0.1804,
0.0869

■ 8.9581, 0.1684,
0.0727

Harmonies

Analogous

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



92.1708, 0.3055, 0.3215



92.1708, 0.3092, 0.3212



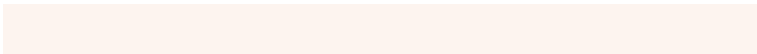
92.1708, 0.3138, 0.3230

Triad

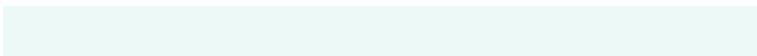
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1708, 0.3092, 0.3212



92.1708, 0.3218, 0.3342



92.1708, 0.3072, 0.3317

Complementary

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



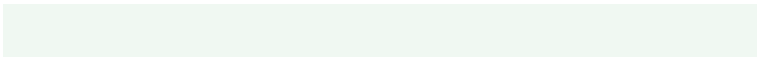
92.1708, 0.3092, 0.3212



97.3856, 0.3162, 0.3367

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.



92.1708, 0.3116, 0.3352



92.1708, 0.3092, 0.3212



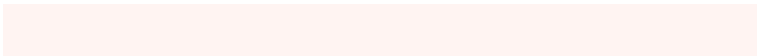
92.1708, 0.3200, 0.3366

Square

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



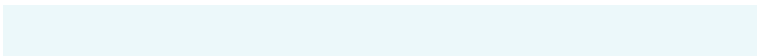
92.1708, 0.3092, 0.3212



92.1708, 0.3211, 0.3304



92.1708, 0.3162, 0.3370



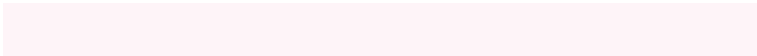
92.1708, 0.3044, 0.3275

Rectangle

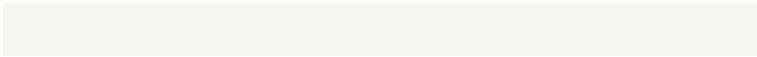
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



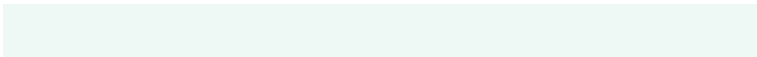
92.1708, 0.3092, 0.3212



92.1708, 0.3169, 0.3251



92.1708, 0.3162, 0.3370



92.1708, 0.3086, 0.3330

Sweetspot

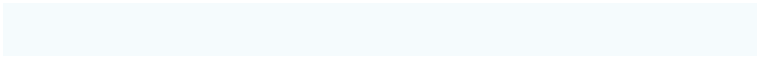
The Sweet Spot groups the original color and five complimentary colors.



92.1747, 0.3092, 0.3212



98.0183, 0.3116, 0.3266



95.6006, 0.3078, 0.3272



21.0008, 0.3117, 0.3267



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.



92.1747, 0.3092, 0.3212



92.2239, 0.3082, 0.3191



92.8992, 0.3117, 0.3213



19.4363, 0.3074, 0.3172



4.3529, 0.1634, 0.0674



0.4716, 0.1741, 0.0733

Inverse Universe

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



93.1754, 0.3142, 0.3231



93.5069, 0.3146, 0.3216



96.6604, 0.3137, 0.3368



19.7612, 0.3150, 0.3202



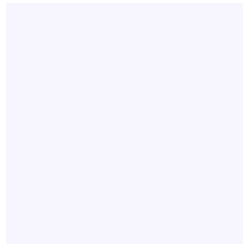
13.1616, 0.3931, 0.1939



1.2985, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 92.1708, 0.3092, 0.3212 looks on a white background.

Color Contrast Check

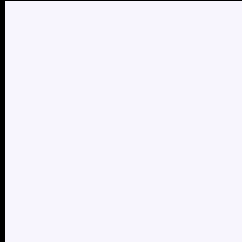
Large Text (above 18pt) WCAG AA × Fail

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 92.1708, 0.3092, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

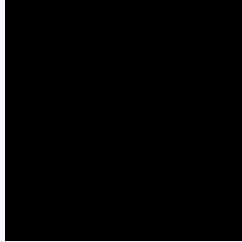
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

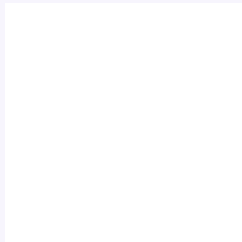
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1708, 0.3092, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 92.1708, 0.3092, 0.3212.

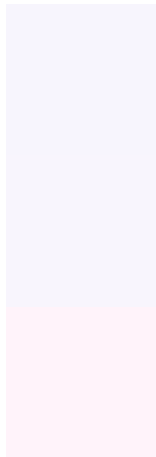


This preview shows how white text looks on a background with the Yxy color 92.1708, 0.3092, 0.3212.

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

92.1708, 0.3092, 0.3212

Protanopia

92.3531, 0.3099, 0.3212

Deuteranopia

92.2633, 0.3163, 0.3223

Tritanopia

92.2990, 0.3081, 0.3193

Trichromacy



Original Color

92.1708, 0.3092, 0.3212

Protanomaly

92.3531, 0.3099, 0.3212

Deuteranomaly

92.3618, 0.3137, 0.3222

Tritanomaly

92.2347, 0.3087, 0.3202

Monochromacy



Original Color

92.1708, 0.3092, 0.3212

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.5252, 0.3116, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1708, 0.3092, 0.3212 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(247, 245, 253)` looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 253)  
}
```

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(247, 245, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 253) }
```

Border

The CSS property to change the border of an element to Yxy 92.1708, 0.3092, 0.3212 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(247, 245, 253) }
```

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

```
.border{ border-color:rgb(247, 245, 253) }
```

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

Here you see how a box with a 4 pixel rgb(247, 245, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 253);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1708, 0.3092, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 253) }
```

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

```
.background{ background-color: rgb(247,  
245, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor