

Converting Colors

$Yxy(92.2895, 0.3105, 0.3222)$

Have a look what the booklet for
Yxy(92.2895, 0.3105, 0.3222)
contains.

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Color

Yxy(92.2895, 0.3105, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	F8F5FC
RGB	248, 245, 252
RGB Percent	97%, 96%, 99%
CMY	0.0274, 0.0392, 0.0118
CMYK	0.02, 0.03, 0.00, 0.01
HSL	266°, 54%, 97%
HSV	266°, 3%, 99%
XYZ	88.9382, 92.2895, 105.2077
YIQ	246.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

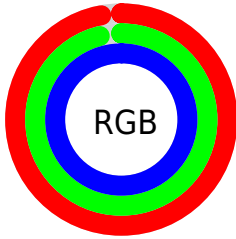
Format	Color
R _Y B	248, 245, 252
Decimal	16315900
CIE Lab	96.94, 2.25, -3.00
CIE LCh	97, 3.750, 306.801
Yxy	92.2895, 0.3105, 0.3222
Android (android.graphics.Color)	4294505980 (0xFF8F5FC)
YUV	246.6950, 2.6154, 1.1445
Hunter-Lab	96.0674, -2.8646, 2.3161

Details

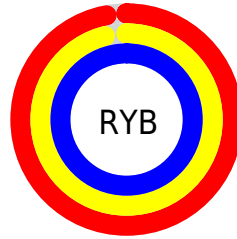
The Yxy color 92.2895, 0.3105, 0.3222 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.3368, 0.3149, 0.3358, and the grayscale version is 92.7342, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5418, 0.3106, 0.3216 is the 20% darker color. If you saturate the color by 10%, you get 75.5572, 0.3016, 0.2962, and if you desaturate by 10%, it is 99.8073, 0.3145, 0.3319.

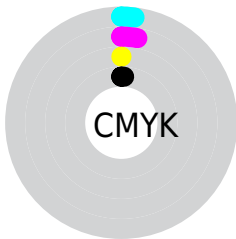
Distribution



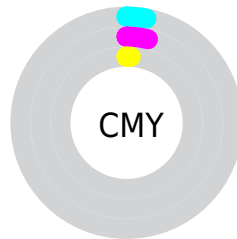
- Red (97%)
- Green (96%)
- Blue (99%)



- 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 92.2895, 0.3105, 0.3222 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 92.2895, 0.3105, 0.3222 by changing the saturation by 10% instead.


 92.2895, 0.3105,
0.3222

 92.2895, 0.3105,
0.3222


535.4507, 0.3115,
0.3252

 69.8811, 0.3103,
0.3215


150.5146, 0.3108,
0.3232

 51.4296, 0.3100,
0.3207


187.1000, 0.3110,
0.3236

 36.5506, 0.3097,
0.3198


229.1800, 0.3111,
0.3240

 24.8598, 0.3093,
0.3185


277.1388, 0.3112,
0.3243

 15.9726, 0.3087,
0.3169

331.3609, 0.3113,
0.3246

 9.5048, 0.3079,
0.3146

392.2306, 0.3114,

 5.0719, 0.3068,

0.3248

0.3113

460.1324, 0.3114,
0.3250

■ 2.2895, 0.3049,
0.3061

■ 0.7681, 0.3017,
0.2952

■ 92.2895, 0.3105,
0.3222

■ 92.2895, 0.3105,
0.3222

■ 75.5572, 0.3016,
0.2962

99.8073, 0.3145,
0.3319

■ 61.0088, 0.2913,
0.2679

■ 48.5548, 0.2796,
0.2380

■ 38.0946, 0.2665,
0.2071

■ 29.5193, 0.2523,
0.1765

■ 22.7093, 0.2374,
0.1477

■ 17.5304, 0.2226,
0.1224

■ 13.8284, 0.2086,
0.1022

■ 11.4174, 0.1961,
0.0880

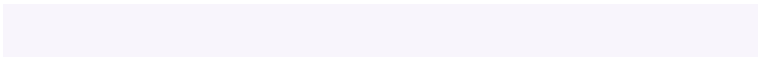
Harmonies

Analogous

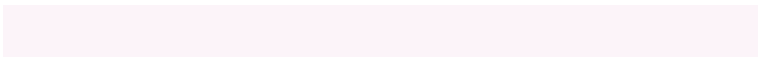
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2895, 0.3069, 0.3220



92.2895, 0.3105, 0.3222



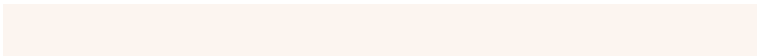
92.2895, 0.3147, 0.3242

Triad

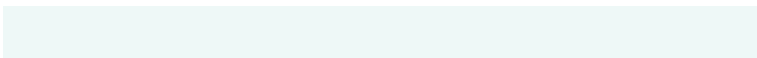
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2895, 0.3105, 0.3222



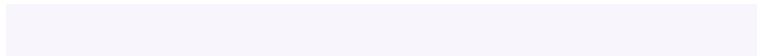
92.2895, 0.3207, 0.3343



92.2895, 0.3070, 0.3306

Complementary

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



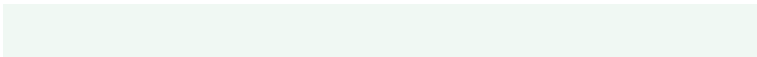
92.2895, 0.3105, 0.3222



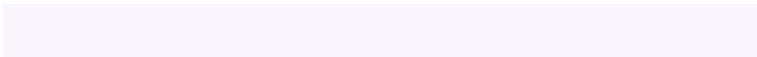
96.3368, 0.3149, 0.3358

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.



92.2895, 0.3107, 0.3339



92.2895, 0.3105, 0.3222



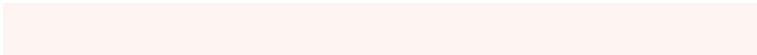
92.2895, 0.3186, 0.3361

Square

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



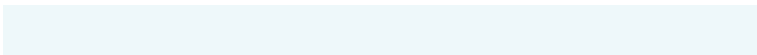
92.2895, 0.3105, 0.3222



92.2895, 0.3206, 0.3312



92.2895, 0.3149, 0.3360



92.2895, 0.3049, 0.3268

Rectangle

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



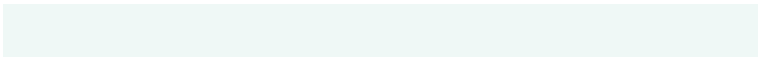
92.2895, 0.3105, 0.3222



92.2895, 0.3173, 0.3263



92.2895, 0.3149, 0.3360



92.2895, 0.3081, 0.3318

Sweetspot

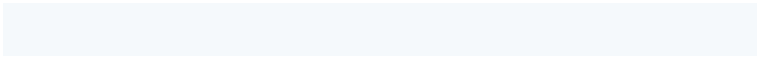
The Sweet Spot groups the original color and five complimentary colors.



92.2935, 0.3105, 0.3222



98.1105, 0.3119, 0.3266



94.2376, 0.3085, 0.3262



21.0196, 0.3120, 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.



92.2935, 0.3105, 0.3222



94.4022, 0.3103, 0.3216



92.9168, 0.3127, 0.3223



19.0468, 0.3097, 0.3196



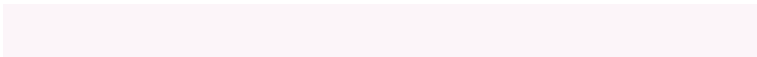
5.4406, 0.1898, 0.0819



0.5652, 0.2030, 0.0892

Inverse Universe

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



92.8351, 0.3148, 0.3252



95.0044, 0.3150, 0.3249



95.7215, 0.3128, 0.3358



19.2023, 0.3157, 0.3237



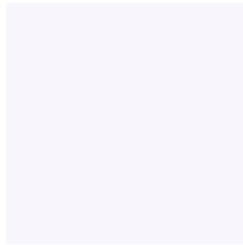
11.8425, 0.4679, 0.2351



1.1181, 0.4454, 0.2227

Previews

White Background



This preview shows how the Yxy color 92.2895, 0.3105, 0.3222 looks on a white background.

Color Contrast Check

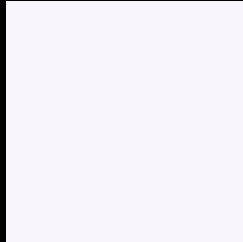
Large Text (above 18pt) WCAG AA × Fail

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 92.2895, 0.3105, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

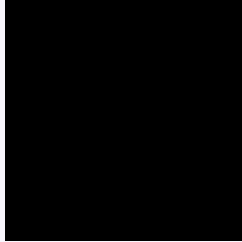
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

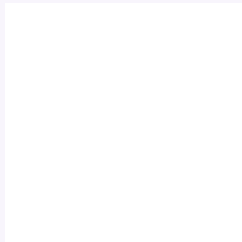
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2895, 0.3105, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 92.2895, 0.3105, 0.3222.

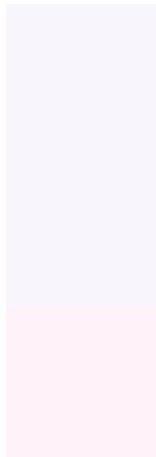


This preview shows how white text looks on a background with the Yxy color 92.2895, 0.3105, 0.3222.

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

92.2895, 0.3105, 0.3222

Protanopia

92.4728, 0.3111, 0.3222

Deuteranopia

92.2007, 0.3169, 0.3232

Tritanopia

92.4813, 0.3087, 0.3193

Trichromacy



Original Color

92.2895, 0.3105, 0.3222

Protanomaly

92.4728, 0.3111, 0.3222

Deuteranomaly

92.2989, 0.3143, 0.3232

Tritanomaly

92.4170, 0.3093, 0.3203

Monochromacy



Original Color

92.2895, 0.3105, 0.3222

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 92.2895, 0.3105, 0.3222 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(248, 245, 252)` looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 252)  
}
```

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(248, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 252) }
```

Border

The CSS property to change the border of an element to Yxy 92.2895, 0.3105, 0.3222 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(248, 245, 252) }
```

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

```
.border{ border-color:rgb(248, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2895, 0.3105, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 252) }
```

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

```
.background{ background-color: rgb(248,  
245, 252) }
```

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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