

Converting Colors

$Yxy(92.6507, 0.3104, 0.3241)$

Have a look what the booklet for
Yxy(92.6507, 0.3104, 0.3241)
contains.

Yxy(92.6507, 0.3104, 0.3241)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.6507, 0.3104, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	F7F6FB
RGB	247, 246, 251
RGB Percent	97%, 96%, 98%
CMY	0.0313, 0.0353, 0.0156
CMYK	0.02, 0.02, 0.00, 0.02
HSL	252°, 39%, 97%
HSV	252°, 2%, 98%
XYZ	88.7343, 92.6507, 104.4857
YIQ	246.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

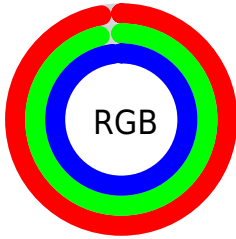
Format	Color
R _Y B	247, 246, 251
Decimal	16250619
CIE Lab	97.09, 1.24, -2.30
CIE LCh	97, 2.608, 298.336
Yxy	92.6507, 0.3104, 0.3241
Android (android.graphics.Color)	4294440699 (0xFF7F6FB)
YUV	246.8690, 2.0366, 0.1149
Hunter-Lab	96.2552, -3.8939, 3.0189

Details

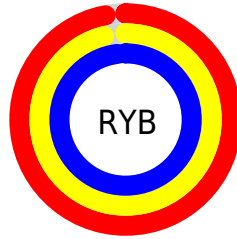
The Yxy color 92.6507, 0.3104, 0.3241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.9802, 0.3150, 0.3339, and the grayscale version is 92.8895, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8434, 0.3098, 0.3228 is the 20% darker color. If you saturate the color by 10%, you get 74.9657, 0.2977, 0.2978, and if you desaturate by 10%, it is 99.7461, 0.3150, 0.3328.

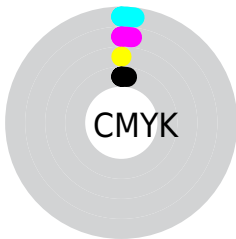
Distribution



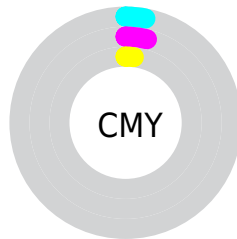
- Red (97%)
- Green (96%)
- Blue (98%)



- Red (97%)
- Yellow (96%)
- Blue (98%)



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




- Cyan (3%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6507, 0.3104, 0.3241 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 92.6507, 0.3104, 0.3241 by changing the saturation by 10% instead.

 92.6507, 0.3104,
0.3241

 92.6507, 0.3104,
0.3241

536.6163, 0.3114,
0.3263

 70.1812, 0.3102,
0.3236


151.0149, 0.3108,
0.3248

 51.6743, 0.3099,
0.3230


187.6785, 0.3109,
0.3251

 36.7455, 0.3096,
0.3223

229.8421, 0.3110,
0.3254

 25.0105, 0.3091,
0.3214

277.8903, 0.3111,
0.3256

 16.0849, 0.3085,
0.3202

332.2074, 0.3112,
0.3258

 9.5842, 0.3078,
0.3186

393.1779, 0.3113,

 5.1242, 0.3066,

0.3260

0.3162

461.1860, 0.3114,
0.3261

■ 2.3203, 0.3047,
0.3124

■ 0.7844, 0.3012,
0.3046

■ 92.6507, 0.3104,
0.3241

■ 92.6507, 0.3104,
0.3241

■ 74.9657, 0.2977,
0.2978

99.7461, 0.3150,
0.3328

■ 59.6341, 0.2832,
0.2686

■ 46.5596, 0.2669,
0.2369

■ 35.6344, 0.2490,
0.2035

■ 26.7417, 0.2302,
0.1697

■ 19.7538, 0.2113,
0.1376

■ 14.5278, 0.1934,
0.1092

■ 10.9006, 0.1780,
0.0869

■ 8.6769, 0.1659,
0.0720

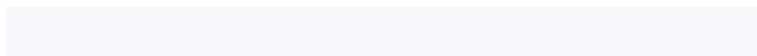
Harmonies

Analogous

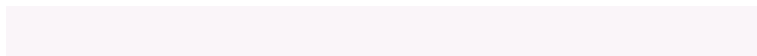
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6507, 0.3081, 0.3243



92.6507, 0.3104, 0.3241



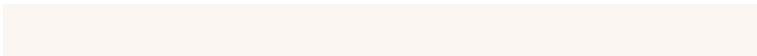
92.6507, 0.3133, 0.3252

Triad

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



92.6507, 0.3104, 0.3241



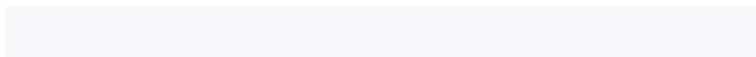
92.6507, 0.3184, 0.3322



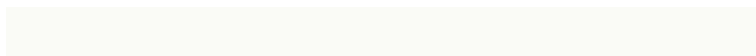
92.6507, 0.3094, 0.3308

Complementary

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



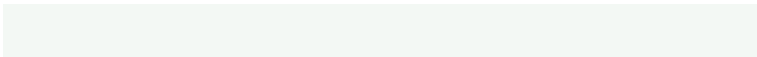
92.6507, 0.3104, 0.3241



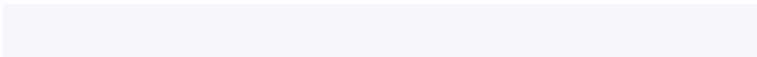
95.9802, 0.3150, 0.3339

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.



92.6507, 0.3121, 0.3329



92.6507, 0.3104, 0.3241



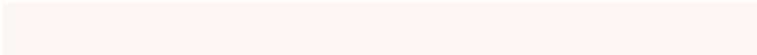
92.6507, 0.3173, 0.3337

Square

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



92.6507, 0.3104, 0.3241



92.6507, 0.3179, 0.3298



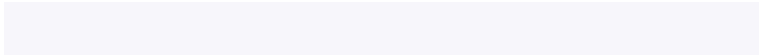
92.6507, 0.3150, 0.3340



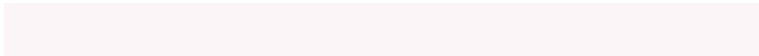
92.6507, 0.3076, 0.3282

Rectangle

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



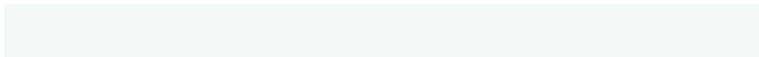
92.6507, 0.3104, 0.3241



92.6507, 0.3152, 0.3265



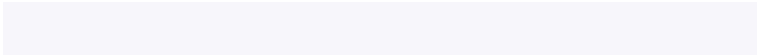
92.6507, 0.3150, 0.3340



92.6507, 0.3103, 0.3316

Sweetspot

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



92.6547, 0.3104, 0.3241



98.0013, 0.3116, 0.3266



94.9375, 0.3096, 0.3280



20.9974, 0.3116, 0.3267



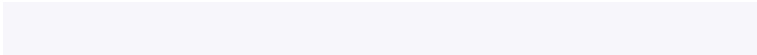
0.0000, 0.0000, 0.0000



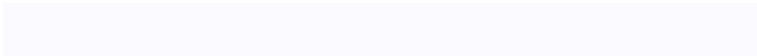
21.4041, 0.3127, 0.3290

Same Dimension

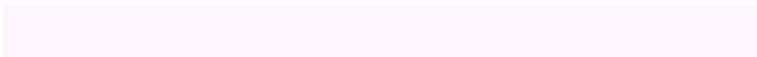
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6547, 0.3104, 0.3241



96.0281, 0.3104, 0.3241



93.1096, 0.3120, 0.3241



19.7177, 0.3105, 0.3244



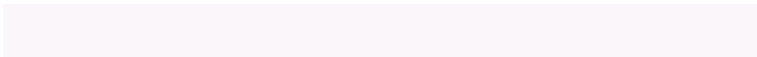
4.0860, 0.1601, 0.0656



0.4212, 0.1707, 0.0714

Inverse Universe

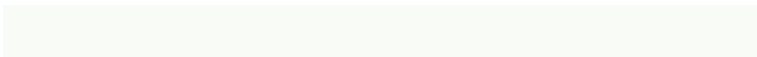
The Inverse Universe completely reimagines the original color for something new.



93.3235, 0.3136, 0.3251



96.7220, 0.3136, 0.3251



95.5241, 0.3134, 0.3339



19.8526, 0.3135, 0.3253



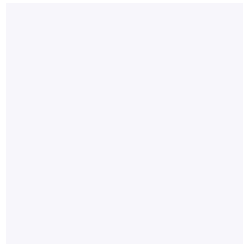
12.9836, 0.3808, 0.1871



1.2173, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 92.6507, 0.3104, 0.3241 looks on a white background.

Color Contrast Check

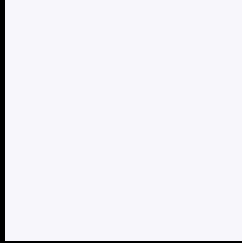
Large Text (above 18pt) WCAG AA × Fail

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 92.6507, 0.3104, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

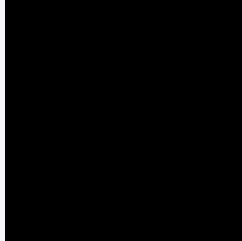
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

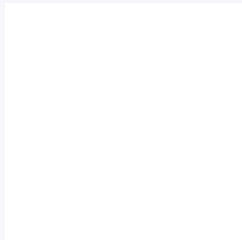
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6507, 0.3104, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 92.6507, 0.3104, 0.3241.

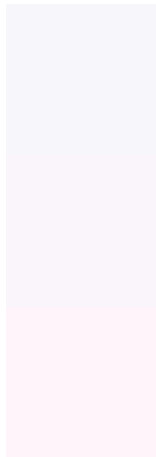


This preview shows how white text looks on a background with the Yxy color 92.6507, 0.3104, 0.3241.

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

92.6507, 0.3104, 0.3241

Protanopia

92.5938, 0.3123, 0.3232

Deuteranopia

92.8009, 0.3168, 0.3242

Tritanopia

92.4813, 0.3087, 0.3193

Trichromacy



Original Color

92.6507, 0.3104, 0.3241

Protanomaly

92.4096, 0.3117, 0.3232

Deuteranomaly

92.9024, 0.3142, 0.3242

Tritanomaly

92.4170, 0.3093, 0.3203

Monochromacy



Original Color

92.6507, 0.3104, 0.3241

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.0730, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6507, 0.3104, 0.3241 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, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 251)  
}
```

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, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 251) }
```

Border

The CSS property to change the border of an element to Yxy 92.6507, 0.3104, 0.3241 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, 246, 251) }
```

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

```
.border{ border-color:rgb(247, 246, 251) }
```

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

Here you see how a box with a 4 pixel rgb(247, 246, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6507, 0.3104, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 251) }
```

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

```
.background{ background-color: rgb(247,  
246, 251) }
```

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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