

Converting Colors

Yxy(91.2025, 0.3142, 0.3241)

Have a look what the booklet for
Yxy(91.2025, 0.3142, 0.3241)
contains.

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Color

Yxy(91.2025, 0.3142, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	FAF3F8
RGB	250, 243, 248
RGB Percent	98%, 95%, 97%
CMY	0.0197, 0.0470, 0.0273
CMYK	0.00, 0.03, 0.01, 0.02
HSL	317°, 41%, 97%
HSV	317°, 3%, 98%
XYZ	88.4166, 91.2025, 101.7832
YIQ	245.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

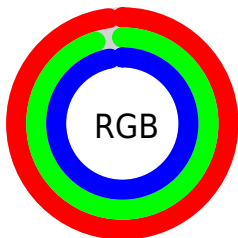
Format	Color
R _{YB}	250, 243, 248
Decimal	16446456
CIE Lab	96.49, 3.21, -1.60
CIE LCh	96, 3.584, 333.473
Yxy	91.2025, 0.3142, 0.3241
Android (android.graphics.Color)	4294636536 (0xFFFAF3F8)
YUV	245.6630, 1.1521, 3.8035
Hunter-Lab	95.5000, -1.8646, 3.6591

Details

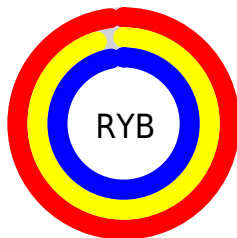
The Yxy color 91.2025, 0.3142, 0.3241 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.0024, 0.3113, 0.3339, and the grayscale version is 91.8635, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.8158, 0.3147, 0.3228 is the 20% darker color. If you saturate the color by 10%, you get 76.8254, 0.3201, 0.3060, and if you desaturate by 10%, it is 99.0588, 0.3096, 0.3290.

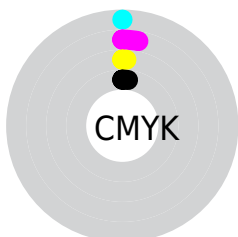
Distribution



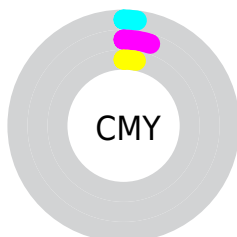
- Red (98%)
- Green (95%)
- Blue (97%)



- Red (98%)
- Yellow (95%)
- Blue (97%)



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





- Cyan (2%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.2025, 0.3142, 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 91.2025, 0.3142, 0.3241 by changing the saturation by 10% instead.


 91.2025, 0.3142,
0.3241

 91.2025, 0.3142,
0.3241


531.9348, 0.3135,
0.3263

 68.9784, 0.3143,
0.3236


149.0076, 0.3140,
0.3248

 50.6941, 0.3145,
0.3230


185.3574, 0.3139,
0.3251

 35.9652, 0.3147,
0.3223


227.1846, 0.3138,
0.3254

 24.4074, 0.3150,
0.3214

274.8735, 0.3138,
0.3256

 15.6361, 0.3154,
0.3202

328.8086, 0.3137,
0.3258

 9.2670, 0.3158,
0.3186

389.3743, 0.3136,

 4.9157, 0.3166,

0.3260

0.3162

456.9549, 0.3136,
0.3261

2.1979, 0.3177,
0.3123

0.7189, 0.3206,
0.3027

91.2025, 0.3142,
0.3241

91.2025, 0.3142,
0.3241

76.8254, 0.3201,
0.3060

99.0588, 0.3096,
0.3290

64.4153, 0.3271,
0.2872

99.0597, 0.3096,
0.3290

53.8888, 0.3351,
0.2683

45.1518, 0.3442,
0.2499

■ 38.1021, 0.3544,
0.2330

■ 32.6273, 0.3654,
0.2187

■ 28.6010, 0.3770,
0.2080

■ 25.8773, 0.3887,
0.2018

■ 24.2794, 0.4002,
0.2005

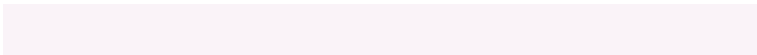
Harmonies

Analogous

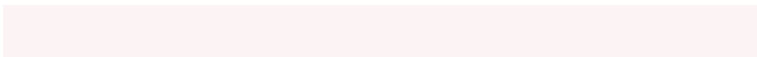
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2025, 0.3102, 0.3224



91.2025, 0.3142, 0.3241



91.2025, 0.3179, 0.3271

Triad

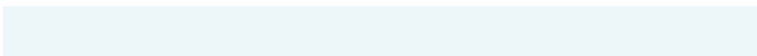
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2025, 0.3142, 0.3241



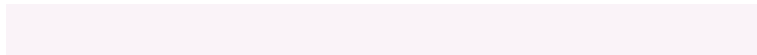
91.2025, 0.3186, 0.3357



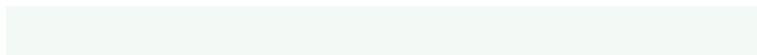
91.2025, 0.3054, 0.3273

Complementary

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



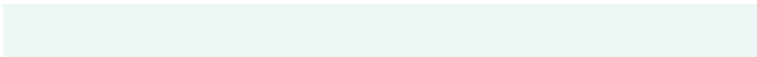
91.2025, 0.3142, 0.3241



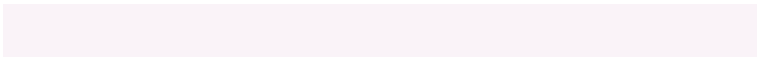
94.0024, 0.3113, 0.3339

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.



91.2025, 0.3076, 0.3309



91.2025, 0.3142, 0.3241



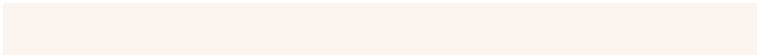
91.2025, 0.3153, 0.3358

Square

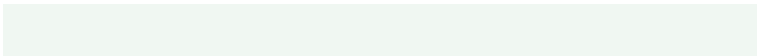
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2025, 0.3142, 0.3241



91.2025, 0.3204, 0.3338



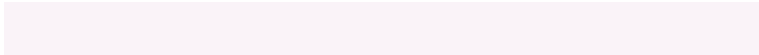
91.2025, 0.3112, 0.3340



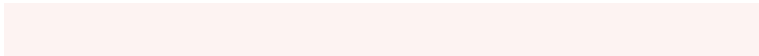
91.2025, 0.3051, 0.3242

Rectangle

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



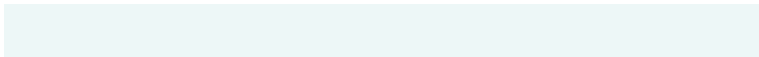
91.2025, 0.3142, 0.3241



91.2025, 0.3196, 0.3295



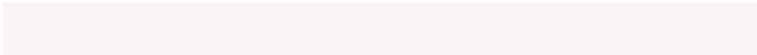
91.2025, 0.3112, 0.3340



91.2025, 0.3059, 0.3285

Sweetspot

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



91.2064, 0.3142, 0.3241



98.3382, 0.3132, 0.3273



90.3961, 0.3097, 0.3222



21.0659, 0.3132, 0.3273



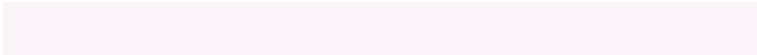
0.0000, 0.0000, 0.0000



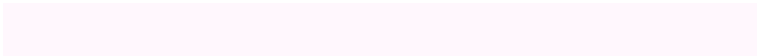
21.4041, 0.3127, 0.3290

Same Dimension

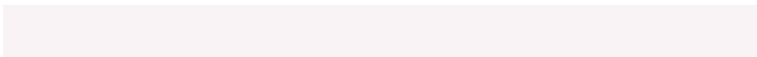
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2064, 0.3142, 0.3241



95.0797, 0.3143, 0.3237



90.9968, 0.3163, 0.3274



19.2218, 0.3148, 0.3223



12.5662, 0.4065, 0.2013



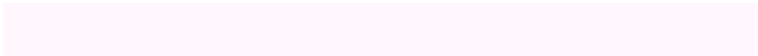
1.1818, 0.3938, 0.1943

Inverse Universe

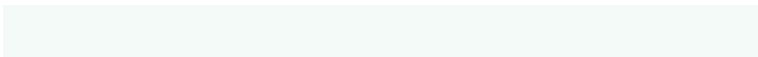
The Inverse Universe completely reimagines the original color for something new.



91.2064, 0.3142, 0.3241



95.0797, 0.3143, 0.3237



94.2124, 0.3093, 0.3306



19.2218, 0.3148, 0.3223



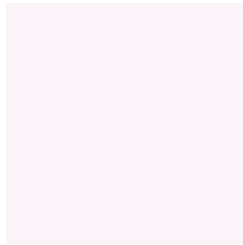
12.5662, 0.4065, 0.2013



1.1818, 0.3938, 0.1943

Previews

White Background



This preview shows how the Yxy color 91.2025, 0.3142, 0.3241 looks on a white background.

Color Contrast Check

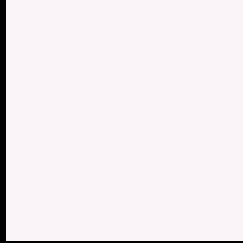
Large Text (above 18pt) WCAG AA × Fail

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 91.2025, 0.3142, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

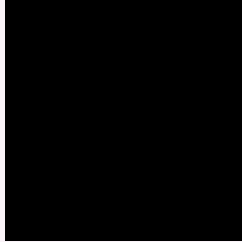
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.2025, 0.3142, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 91.2025, 0.3142, 0.3241.



This preview shows how white text looks on a background with the Yxy color 91.2025, 0.3142, 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

91.2025, 0.3142, 0.3241

Protanopia

91.4351, 0.3129, 0.3251

Deuteranopia

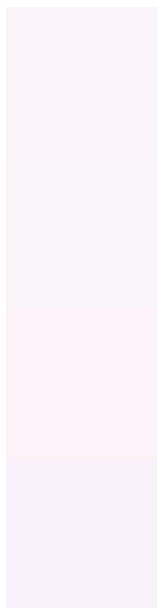
90.8860, 0.3182, 0.3232



Tritanopia

90.8640, 0.3094, 0.3164

Trichromacy



Original Color

91.2025, 0.3142, 0.3241

Protanomaly

91.6184, 0.3135, 0.3251

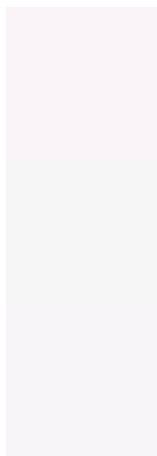
Deuteranomaly

91.1023, 0.3169, 0.3242

Tritanomaly

90.6723, 0.3112, 0.3193

Monochromacy



Original Color

91.2025, 0.3142, 0.3241

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.7944, 0.3128, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2025, 0.3142, 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(250, 243, 248) looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 248)  
}
```

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(250, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 248) }
```

Border

The CSS property to change the border of an element to Yxy 91.2025, 0.3142, 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(250, 243, 248) }
```

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

```
.border{ border-color:rgb(250, 243, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2025, 0.3142, 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(250, 243, 248) }
```

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

```
.background{ background-color: rgb(250,  
243, 248) }
```

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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