

Converting Colors

Yxy(91.4053, 0.3162, 0.3238)

Have a look what the booklet for
Yxy(91.4053, 0.3162, 0.3238)
contains.

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Color

Yxy(91.1642, 0.3162, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	FDF2F8
RGB	253, 242, 248
RGB Percent	99%, 95%, 97%
CMY	0.0081, 0.0509, 0.0274
CMYK	0.00, 0.04, 0.02, 0.01
HSL	327°, 73%, 97%
HSV	327°, 4%, 99%
XYZ	89.1897, 91.1642, 101.7135
YIQ	245.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

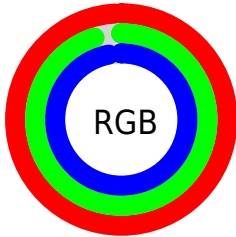
Format	Color
R _Y B	253, 242, 248
Decimal	16642808
CIE Lab	96.48, 4.69, -1.58
CIE LCh	96, 4.953, 341.358
Yxy	91.1642, 0.3162, 0.3232
Android (android.graphics.Color)	4294832888 (0xFFFD2F8)
YUV	245.9730, 0.9993, 6.1627
Hunter-Lab	95.4799, -0.3495, 3.6751

Details

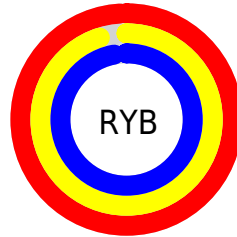
The Yxy color 91.1642, 0.3162, 0.3232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.8093, 0.3094, 0.3349, and the grayscale version is 92.1227, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.6593, 0.3164, 0.3216 is the 20% darker color. If you saturate the color by 10%, you get 76.4489, 0.3254, 0.3092, and if you desaturate by 10%, it is 99.6123, 0.3114, 0.3290.

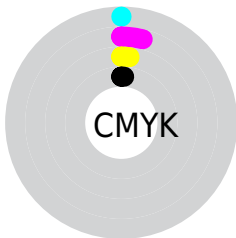
Distribution



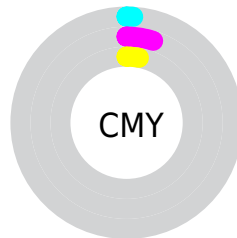
- Red (99%)
- Green (95%)
- Blue (97%)



- Red (99%)
- Yellow (95%)
- Blue (97%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1642, 0.3162, 0.3232 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 91.1642, 0.3162, 0.3232 by changing the saturation by 10% instead.


 91.1642, 0.3162,
0.3232

 91.1642, 0.3162,
0.3232

531.8107, 0.3147,
0.3258

 68.9466, 0.3165,
0.3226


148.9545, 0.3157,
0.3241

 50.6682, 0.3169,
0.3220


185.2960, 0.3155,
0.3244

 35.9447, 0.3175,
0.3211


227.1142, 0.3153,
0.3247

 24.3915, 0.3181,
0.3200

274.7936, 0.3151,
0.3250

 15.6243, 0.3189,
0.3186

328.7186, 0.3150,
0.3252

 9.2587, 0.3201,
0.3167

389.2735, 0.3149,

 4.9103, 0.3218,

0.3254

0.3138

456.8427, 0.3148,
0.3256

■ 2.1947, 0.3245,
0.3093

■ 0.7171, 0.3311,
0.2982

■ 91.1642, 0.3162,
0.3232

■ 91.1642, 0.3162,
0.3232

■ 76.4489, 0.3254,
0.3092

99.6123, 0.3114,
0.3290

■ 63.7694, 0.3365,
0.2946

■ 53.0384, 0.3496,
0.2799

■ 44.1571, 0.3650,
0.2656

■ 37.0182, 0.3827,
0.2526

■ 31.5034, 0.4024,
0.2421

■ 27.4793, 0.4237,
0.2354

■ 24.7910, 0.4456,
0.2336

■ 23.2491, 0.4671,
0.2372

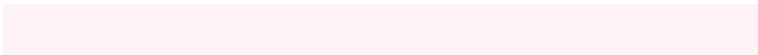
Harmonies

Analogous

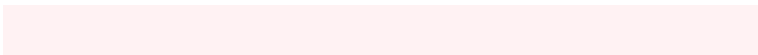
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1642, 0.3106, 0.3203



91.1642, 0.3162, 0.3232



91.1642, 0.3209, 0.3277

Triad

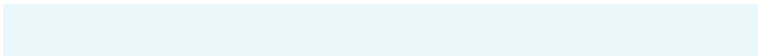
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1642, 0.3162, 0.3232



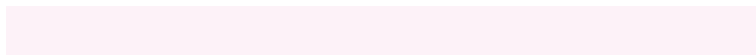
91.1642, 0.3198, 0.3385



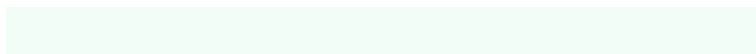
91.1642, 0.3022, 0.3253

Complementary

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



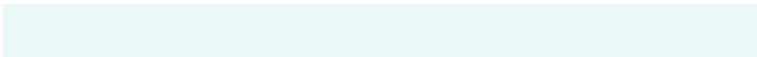
91.1642, 0.3162, 0.3232



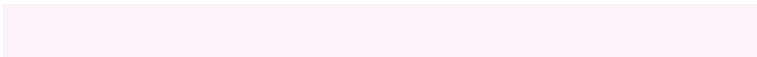
95.8093, 0.3094, 0.3349

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.



91.1642, 0.3046, 0.3303



91.1642, 0.3162, 0.3232



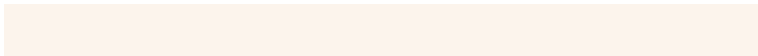
91.1642, 0.3148, 0.3380

Square

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



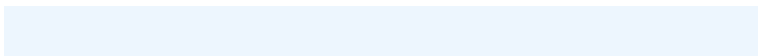
91.1642, 0.3162, 0.3232



91.1642, 0.3230, 0.3365



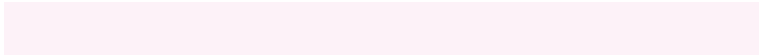
91.1642, 0.3092, 0.3350



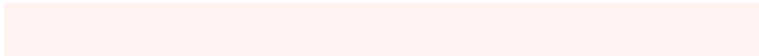
91.1642, 0.3025, 0.3214

Rectangle

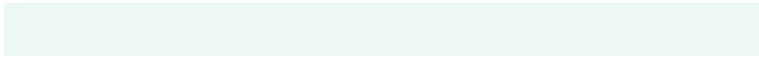
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



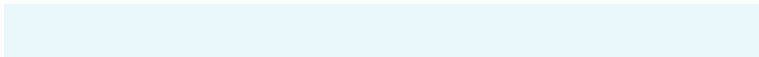
91.1642, 0.3162, 0.3232



91.1642, 0.3229, 0.3310



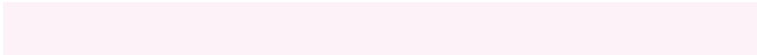
91.1642, 0.3092, 0.3350



91.1642, 0.3027, 0.3269

Sweetspot

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



91.1681, 0.3162, 0.3232



98.3099, 0.3135, 0.3277



90.3687, 0.3093, 0.3183



21.0602, 0.3135, 0.3277



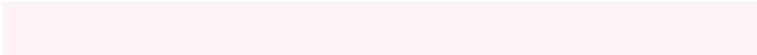
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

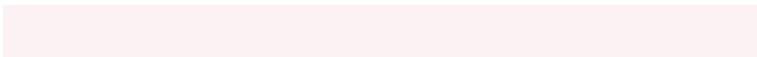
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1681, 0.3162, 0.3232



91.7681, 0.3168, 0.3223



90.8349, 0.3195, 0.3285



19.4038, 0.3174, 0.3213



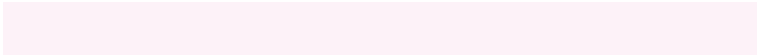
12.1273, 0.4758, 0.2395



1.2028, 0.4532, 0.2270

Inverse Universe

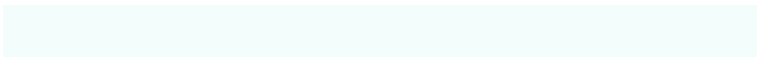
The Inverse Universe completely reimagines the original color for something new.



91.1681, 0.3162, 0.3232



91.7681, 0.3168, 0.3223



96.1505, 0.3063, 0.3295



19.4038, 0.3174, 0.3213



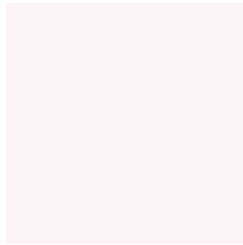
12.1273, 0.4758, 0.2395



1.2028, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 91.1642, 0.3162, 0.3232 looks on a white background.

Color Contrast Check

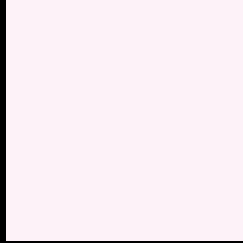
Large Text (above 18pt) WCAG AA × Fail

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 91.1642, 0.3162, 0.3232 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 91.1642, 0.3162, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 91.1642, 0.3162, 0.3232.

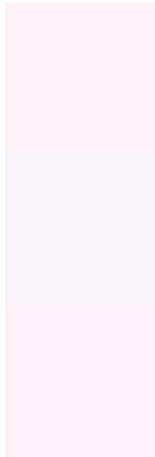


This preview shows how white text looks on a background with the Yxy color 91.1642, 0.3162, 0.3232.

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

91.1642, 0.3162, 0.3232

Protanopia

91.4974, 0.3123, 0.3241

Deuteranopia

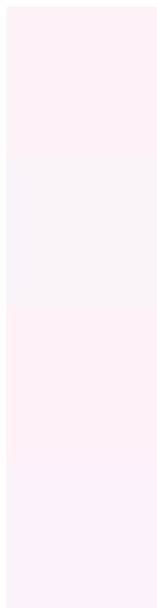
90.8860, 0.3182, 0.3232



Tritanopia

91.4197, 0.3114, 0.3165

Trichromacy



Original Color

91.1642, 0.3162, 0.3232

Protanomaly

91.2647, 0.3136, 0.3232

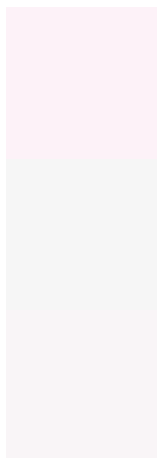
Deuteranomaly

90.6968, 0.3176, 0.3232

Tritanomaly

91.2280, 0.3132, 0.3193

Monochromacy



Original Color

91.1642, 0.3162, 0.3232

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1600, 0.3141, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1642, 0.3162, 0.3232 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(253, 242, 248)` looks like.

```
.text, #text, p{  
    color:rgb(253, 242, 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(253, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 242, 248) }
```

Border

The CSS property to change the border of an element to Yxy 91.1642, 0.3162, 0.3232 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(253, 242, 248) }
```

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

```
.border{ border-color:rgb(253, 242, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 242, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(253, 242,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1642, 0.3162, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 242, 248) }
```

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

```
.background{ background-color: rgb(253,  
242, 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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