

Converting Colors

Yxy(91.9456, 0.3134, 0.3180)

Have a look what the booklet for
Yxy(91.9456, 0.3134, 0.3180)
contains.

Yxy(91.7308, 0.3133, 0.3175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.7308, 0.3133, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	FEF2FE
RGB	254, 242, 254
RGB Percent	100%, 95%, 100%
CMY	0.0038, 0.0510, 0.0041
CMYK	0.00, 0.05, 0.00, 0.00
HSL	300°, 86%, 97%
HSV	300°, 5%, 100%
XYZ	90.5174, 91.7308, 106.6678
YIQ	246.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

Format	Color
RYB	254, 242, 254
Decimal	16708350
CIELab	96.71, 6.11, -4.31
CIELCh	97, 7.473, 324.814
Yxy	91.7308, 0.3133, 0.3175
Android (android.graphics.Color)	4294898430 (0xFFFEF2FE)
YUV	246.9560, 3.4727, 6.1776
Hunter-Lab	95.7762, 1.0906, 1.0110

Details

The Yxy color 91.7308, 0.3133, 0.3175 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.1955, 0.3121, 0.3408, and the grayscale version is 92.9474, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.0193, 0.3133, 0.3156 is the 20% darker color. If you saturate the color by 10%, you get 77.6393, 0.3146, 0.2927, and if you desaturate by 10%, it is 99.7592, 0.3126, 0.3299.

Distribution



- Red (100%)
- Green (95%)
- Blue (100%)



- Red (100%)
- Yellow (95%)
- Blue (100%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7308, 0.3133, 0.3175 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 91.7308, 0.3133, 0.3175 by changing the saturation by 10% instead.


 91.7308, 0.3133,
0.3175

 91.7308, 0.3133,
0.3175

533.6451, 0.3131,
0.3226

 69.4171, 0.3133,
0.3164

149.7402, 0.3132,
0.3192

 51.0514, 0.3134,
0.3151


186.2047, 0.3132,
0.3199

 36.2495, 0.3135,
0.3134


228.1549, 0.3132,
0.3205

 24.6270, 0.3135,
0.3113

275.9752, 0.3131,
0.3210

 15.7994, 0.3136,
0.3086

330.0499, 0.3131,
0.3215

 9.3823, 0.3138,
0.3049

390.7636, 0.3131,

 4.9914, 0.3139,

0.3219

0.2994

458.5005, 0.3131,
0.3222

■ 2.2422, 0.3140,
0.2909

■ 0.7429, 0.3149,
0.2736

■ 91.7308, 0.3133,
0.3175

■ 91.7308, 0.3133,
0.3175

■ 77.6393, 0.3146,
0.2927

99.7592, 0.3126,
0.3299

■ 65.5580, 0.3159,
0.2676

99.7685, 0.3125,
0.3297

■ 55.3989, 0.3172,
0.2430

99.7778, 0.3125,
0.3296

■ 47.0628, 0.3184,
0.2200

99.7871, 0.3124,
0.3294

■ 40.4418, 0.3195,
0.1995

99.7964, 0.3123,
0.3293

■ 35.4165, 0.3205,
0.1823

99.8057, 0.3122,
0.3292

■ 31.8522, 0.3213,
0.1693

99.8151, 0.3121,
0.3290

■ 29.5923, 0.3219,
0.1606

99.8166, 0.3121,
0.3290

■ 28.4442, 0.3222,
0.1561

Harmonies

Analogous

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



91.7308, 0.3051, 0.3149



91.7308, 0.3133, 0.3175



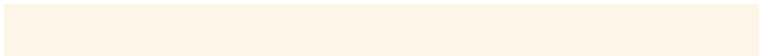
91.7308, 0.3214, 0.3231

Triad

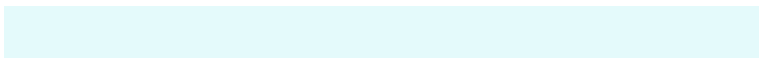
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7308, 0.3133, 0.3175



91.7308, 0.3265, 0.3421



91.7308, 0.2984, 0.3275

Complementary

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



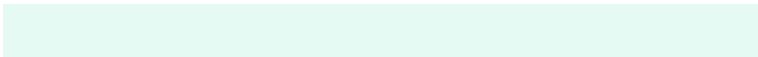
91.7308, 0.3133, 0.3175



96.1955, 0.3121, 0.3408

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.



91.7308, 0.3040, 0.3350



91.7308, 0.3133, 0.3175



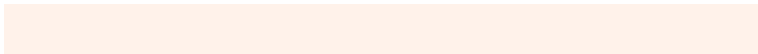
91.7308, 0.3202, 0.3435

Square

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



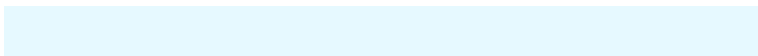
91.7308, 0.3133, 0.3175



91.7308, 0.3291, 0.3372



91.7308, 0.3120, 0.3409



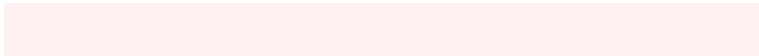
91.7308, 0.2966, 0.3205

Rectangle

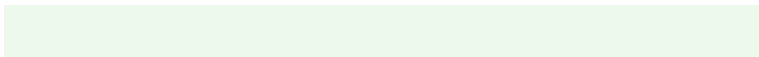
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.7308, 0.3133, 0.3175



91.7308, 0.3257, 0.3278



91.7308, 0.3120, 0.3409



91.7308, 0.2999, 0.3300

Sweetspot

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



91.7348, 0.3133, 0.3175



98.3829, 0.3128, 0.3266



89.5399, 0.3055, 0.3171



21.0750, 0.3128, 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.



91.7348, 0.3133, 0.3175



90.6181, 0.3135, 0.3144



91.3597, 0.3169, 0.3232



19.1873, 0.3135, 0.3128



14.8335, 0.3223, 0.1549



1.4448, 0.3222, 0.1548

Inverse Universe

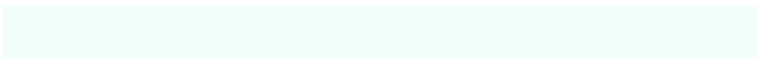
The Inverse Universe completely reimagines the original color for something new.



91.7348, 0.3133, 0.3175



90.6181, 0.3135, 0.3144



96.5588, 0.3087, 0.3349



19.1873, 0.3135, 0.3128



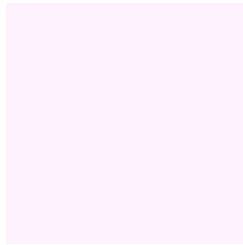
14.8335, 0.3223, 0.1549



1.4448, 0.3222, 0.1548

Previews

White Background



This preview shows how the Yxy color 91.7308, 0.3133, 0.3175 looks on a white background.

Color Contrast Check

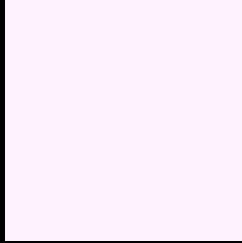
Large Text (above 18pt) WCAG AA × Fail

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 91.7308, 0.3133, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

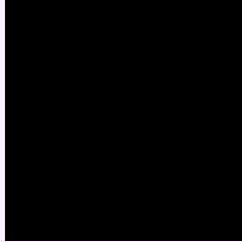
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.7308, 0.3133, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 91.7308, 0.3133, 0.3175.



This preview shows how white text looks on a background with the Yxy color 91.7308, 0.3133, 0.3175.

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

91.7308, 0.3133, 0.3175

Protanopia

91.6955, 0.3081, 0.3183

Deuteranopia

91.6664, 0.3163, 0.3213



Tritanopia

92.0166, 0.3113, 0.3174

Trichromacy



Original Color

91.7308, 0.3133, 0.3175

Protanomaly

91.6452, 0.3100, 0.3174

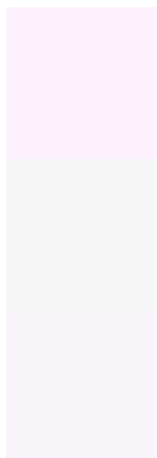
Deuteranomaly

91.7293, 0.3157, 0.3203

Tritanomaly

92.2038, 0.3120, 0.3175

Monochromacy



Original Color

91.7308, 0.3133, 0.3175

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.5309, 0.3129, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7308, 0.3133, 0.3175 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 $rgb(254, 242, 254)$ looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 254)  
}
```

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(254, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 254) }
```

Border

The CSS property to change the border of an element to Yxy 91.7308, 0.3133, 0.3175 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(254, 242, 254) }
```

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

```
.border{ border-color:rgb(254, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 242,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7308, 0.3133, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 254) }
```

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

```
.background{ background-color: rgb(254,  
242, 254) }
```

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