

Converting Colors

Yxy(91.3814, 0.3108, 0.3300)

Have a look what the booklet for
Yxy(91.3814, 0.3108, 0.3300)
contains.

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Color

Yxy(91.3814, 0.3108, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F2F6F5
RGB	242, 246, 245
RGB Percent	95%, 96%, 96%
CMY	0.0508, 0.0353, 0.0393
CMYK	0.02, 0.00, 0.00, 0.04
HSL	164°, 18%, 96%
HSV	164°, 2%, 96%
XYZ	86.0647, 91.3814, 99.4673
YIQ	244.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

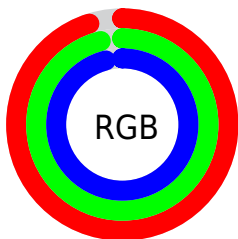
Format	Color
R_{YB}	242, 244, 246
Decimal	15922933
CIE _{Lab}	96.57, -1.48, 0.02
CIE _{LCh}	97, 1.477, 179.204
Yxy	91.3814, 0.3108, 0.3300
Android (android.graphics.Color)	4294113013 (0xFF2F6F5)
YUV	244.6900, 0.1528, -2.3591
Hunter-Lab	95.5936, -6.5821, 5.2230

Details

The Yxy color **91.3814, 0.3108, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.6021, 0.3147, 0.3280**, and the grayscale version is **91.0556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9401, 0.3102, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **86.9384, 0.2991, 0.3367**, and if you desaturate by 10%, it is **94.1539, 0.3153, 0.3239**.

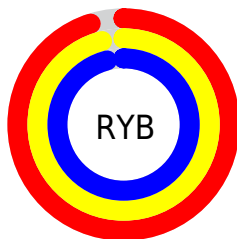
Distribution



Red (95%)

Green (96%)

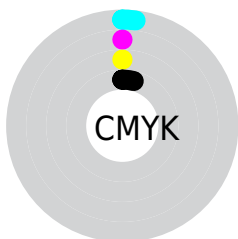
Blue (96%)



Red (95%)

Yellow (96%)

Blue (96%)

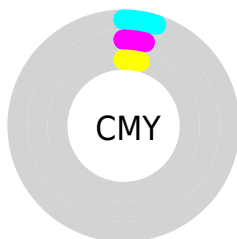


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (5%)


Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3814, 0.3108, 0.3300 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 91.3814, 0.3108, 0.3300 by changing the saturation by 10% instead.


 91.3814, 0.3108,
0.3300

 91.3814, 0.3108,
0.3300


532.5143, 0.3117,
0.3296

 69.1269, 0.3106,
0.3301

149.2557, 0.3111,
0.3299

 50.8151, 0.3104,
0.3302


185.6444, 0.3112,
0.3298

 36.0615, 0.3101,
0.3304


227.5133, 0.3113,
0.3297

 24.4817, 0.3097,
0.3305

275.2467, 0.3114,
0.3297

 15.6913, 0.3093,
0.3308

329.2292, 0.3115,
0.3297

 9.3060, 0.3086,
0.3311

389.8450, 0.3115,

 4.9413, 0.3076,

0.3296

0.3316

457.4786, 0.3116,
0.3296

■ 2.2129, 0.3061,
0.3324

■ 0.7270, 0.3015,
0.3347

■ 91.3814, 0.3108,
0.3300

■ 91.3814, 0.3108,
0.3300

■ 86.9384, 0.2991,
0.3367

■ 94.1539, 0.3153,
0.3239

■ 83.0671, 0.2878,
0.3440

■ 94.3879, 0.3131,
0.3204

■ 79.7463, 0.2775,
0.3520

■ 76.9494, 0.2682,
0.3605

■ 74.6475, 0.2605,
0.3696

■ 72.8086, 0.2544,
0.3791

■ 71.3971, 0.2502,
0.3888

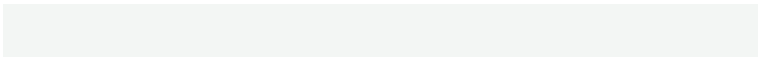
■ 70.3721, 0.2481,
0.3986

■ 69.6842, 0.2479,
0.4083

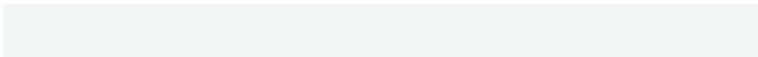
Harmonies

Analogous

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



91.3814, 0.3123, 0.3312



91.3814, 0.3108, 0.3300



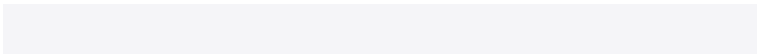
91.3814, 0.3098, 0.3285

Triad

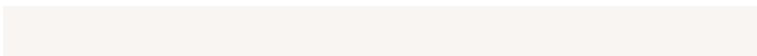
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.3814, 0.3108, 0.3300



91.3814, 0.3114, 0.3262



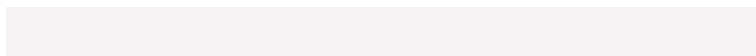
91.3814, 0.3159, 0.3308

Complementary

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



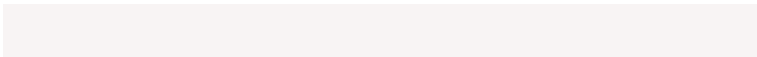
91.3814, 0.3108, 0.3300



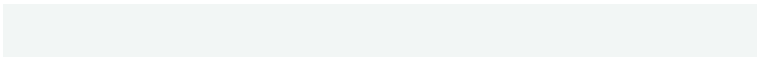
89.6021, 0.3147, 0.3280

Split Complementary

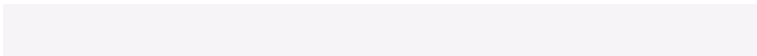
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3814, 0.3157, 0.3295



91.3814, 0.3108, 0.3300



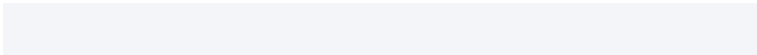
91.3814, 0.3131, 0.3268

Square

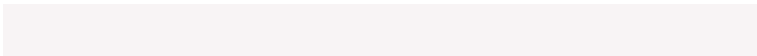
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



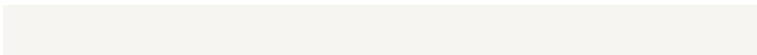
91.3814, 0.3108, 0.3300



91.3814, 0.3101, 0.3263



91.3814, 0.3147, 0.3280



91.3814, 0.3153, 0.3317

Rectangle

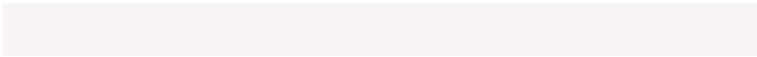
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



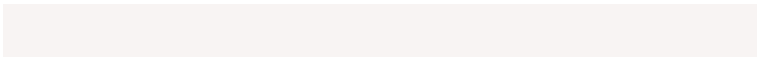
91.3814, 0.3108, 0.3300



91.3814, 0.3095, 0.3276



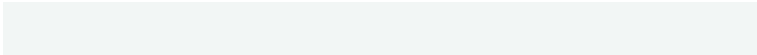
91.3814, 0.3147, 0.3280



91.3814, 0.3160, 0.3304

Sweetspot

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



91.3853, 0.3108, 0.3300

100.0000, 0.3127, 0.3290



91.3948, 0.3132, 0.3329



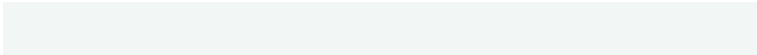
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



91.3853, 0.3108, 0.3300



98.9609, 0.3103, 0.3303



90.8895, 0.3102, 0.3281



19.4065, 0.3104, 0.3302



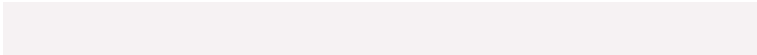
37.0174, 0.2486, 0.4148



3.2701, 0.2452, 0.4027

Inverse Universe

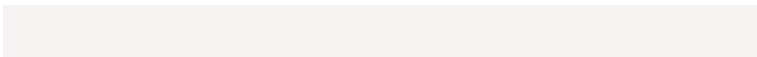
The Inverse Universe completely reimagines the original color for something new.



89.6021, 0.3147, 0.3280



96.5479, 0.3152, 0.3277



90.0898, 0.3152, 0.3299



18.9585, 0.3150, 0.3278



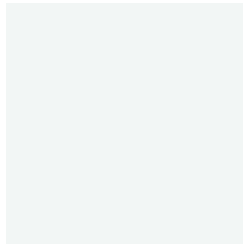
10.6722, 0.5905, 0.3026



0.9541, 0.5554, 0.2833

Previews

White Background



This preview shows how the Yxy color 91.3814, 0.3108, 0.3300 looks on a white background.

Color Contrast Check

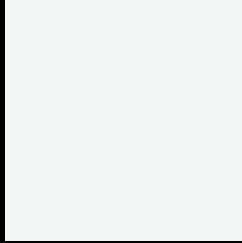
Large Text (above 18pt) WCAG AA × Fail

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 91.3814, 0.3108, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

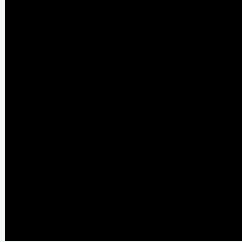
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

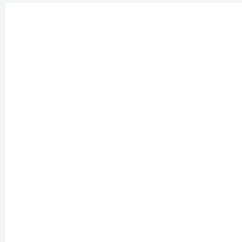
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3814, 0.3108, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 91.3814, 0.3108, 0.3300.

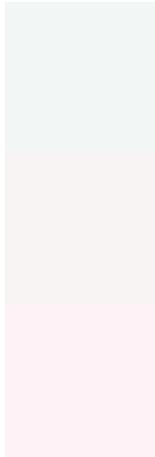


This preview shows how white text looks on a background with the Yxy color 91.3814, 0.3108, 0.3300.

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

91.3814, 0.3108, 0.3300

Protanopia

91.3728, 0.3160, 0.3290

Deuteranopia

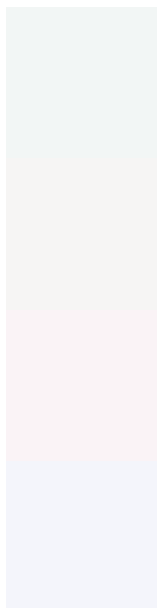
91.4181, 0.3188, 0.3252



Tritanopia

91.3338, 0.3068, 0.3183

Trichromacy



Original Color

91.3814, 0.3108, 0.3300

Protanomaly

91.4293, 0.3140, 0.3300

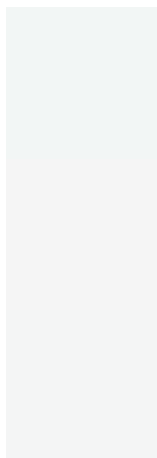
Deuteranomaly

91.0790, 0.3155, 0.3261

Tritanomaly

91.5029, 0.3085, 0.3231

Monochromacy



Original Color

91.3814, 0.3108, 0.3300

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.1305, 0.3121, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3814, 0.3108, 0.3300 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(242, 246, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 246, 245)  
}
```

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(242, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 246, 245) }
```

Border

The CSS property to change the border of an element to Yxy 91.3814, 0.3108, 0.3300 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(242, 246, 245) }
```

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

```
.border{ border-color:rgb(242, 246, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 246, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 246,  
245) }
```

Background

The CSS property to change the background color of an element to Yxy 91.3814, 0.3108, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 246, 245) }
```

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

```
.background{ background-color: rgb(242,  
246, 245) }
```

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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