

Converting Colors

$Y_{xy}(91.7620, 0.3215, 0.3306)$

Have a look what the booklet for
Yxy(91.7620, 0.3215, 0.3306)
contains.

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Color

Yxy(91.7121, 0.3218, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3F1
RGB	255, 243, 241
RGB Percent	100%, 95%, 95%
CMY	0.0000, 0.0470, 0.0550
CMYK	0.00, 0.05, 0.05, 0.00
HSL	9°, 100%, 97%
HSV	9°, 5%, 100%
XYZ	89.1630, 91.7121, 96.2007
YIQ	246.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

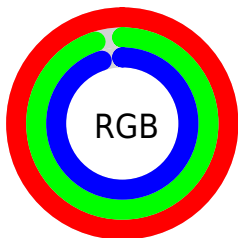
Format	Color
R _Y B	255, 243, 241
Decimal	16774129
CIE Lab	96.70, 3.68, 2.40
CIE LCh	97, 4.391, 33.172
Yxy	91.7121, 0.3218, 0.3310
Android (android.graphics.Color)	4294964209 (0xFFFFF3F1)
YUV	246.3600, -2.6425, 7.5773
Hunter-Lab	95.7664, -1.3995, 7.4776

Details

The Yxy color **91.7121, 0.3218, 0.3310** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.1411, 0.3042, 0.3270**, and the grayscale version is **92.4836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0492, 0.3235, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **78.0158, 0.3411, 0.3349**, and if you desaturate by 10%, it is **99.9992, 0.3127, 0.3290**.

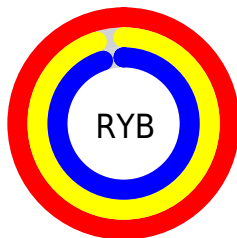
Distribution



Red (100%)

Green (95%)

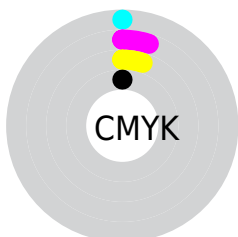
Blue (95%)



Red (100%)

Yellow (95%)

Blue (95%)

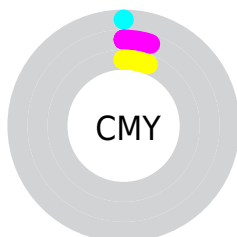


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7121, 0.3218, 0.3310 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 91.7121, 0.3218, 0.3310 by changing the saturation by 10% instead.


 91.7121, 0.3218,
0.3310

 91.7121, 0.3218,
0.3310


533.5846, 0.3178,
0.3301

 69.4015, 0.3227,
0.3312


149.7143, 0.3204,
0.3307

 51.0388, 0.3238,
0.3314


186.1747, 0.3199,
0.3306

 36.2395, 0.3251,
0.3317


228.1206, 0.3194,
0.3305

 24.6192, 0.3268,
0.3320

275.9362, 0.3190,
0.3304

 15.7936, 0.3291,
0.3325

330.0060, 0.3186,
0.3303

 9.3782, 0.3322,
0.3331

390.7145, 0.3183,

 4.9887, 0.3368,

0.3303

0.3340

458.4459, 0.3180,
0.3302

■ 2.2406, 0.3443,
0.3353

■ 0.7420, 0.3652,
0.3408

■ 91.7121, 0.3218,
0.3310

■ 91.7121, 0.3218,
0.3310

■ 78.0158, 0.3411,
0.3349

99.9992, 0.3127,
0.3290

■ 66.0149, 0.3648,
0.3389

■ 55.6466, 0.3935,
0.3431

■ 46.8403, 0.4278,
0.3469

■ 39.5198, 0.4674,
0.3500

■ 33.6025, 0.5109,
0.3516

■ 28.9979, 0.5545,
0.3510

■ 25.6043, 0.5929,
0.3476

■ 23.3047, 0.6203,
0.3416

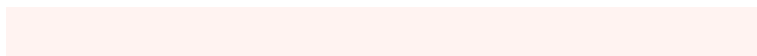
Harmonies

Analogous

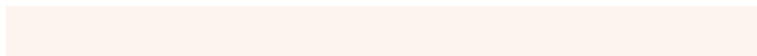
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7121, 0.3190, 0.3267



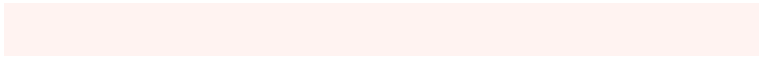
91.7121, 0.3218, 0.3310



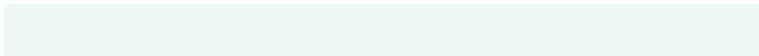
91.7121, 0.3222, 0.3348

Triad

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



91.7121, 0.3218, 0.3310



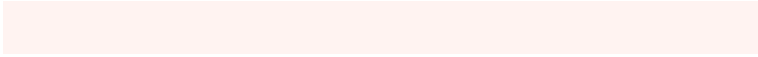
91.7121, 0.3109, 0.3352



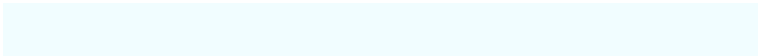
91.7121, 0.3055, 0.3209

Complementary

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



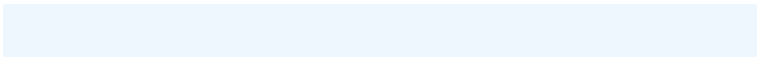
91.7121, 0.3218, 0.3310



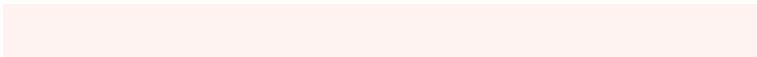
96.1411, 0.3042, 0.3270

Split Complementary

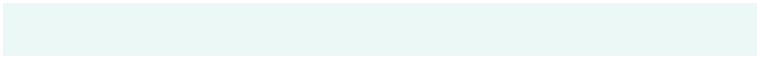
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7121, 0.3034, 0.3231



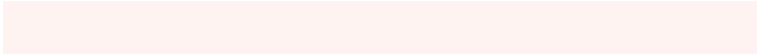
91.7121, 0.3218, 0.3310



91.7121, 0.3065, 0.3314

Square

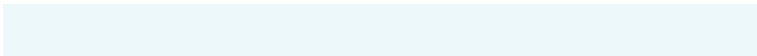
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.7121, 0.3218, 0.3310



91.7121, 0.3159, 0.3373



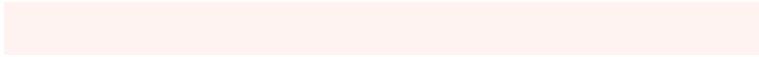
91.7121, 0.3037, 0.3269



91.7121, 0.3095, 0.3209

Rectangle

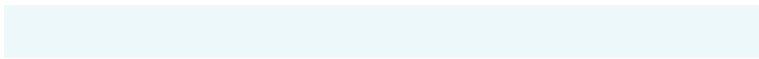
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



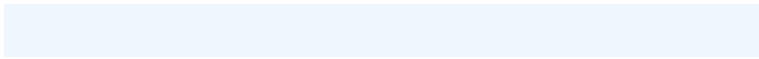
91.7121, 0.3218, 0.3310



91.7121, 0.3210, 0.3366



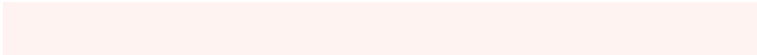
91.7121, 0.3037, 0.3269



91.7121, 0.3045, 0.3214

Sweetspot

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



91.7161, 0.3218, 0.3310



96.9259, 0.3159, 0.3297



91.2547, 0.3145, 0.3173



20.7784, 0.3157, 0.3297



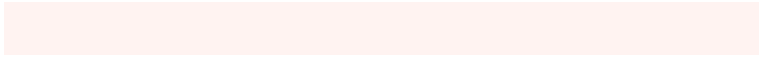
0.0000, 0.0000, 0.0000



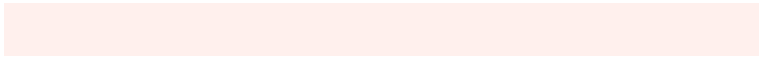
21.4041, 0.3127, 0.3290

Same Dimension

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



91.7161, 0.3218, 0.3310



89.5516, 0.3245, 0.3316



95.8894, 0.3213, 0.3376



18.9836, 0.3256, 0.3318



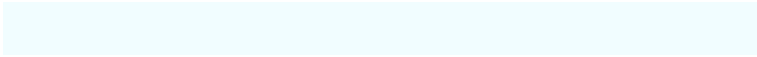
11.9285, 0.6268, 0.3405



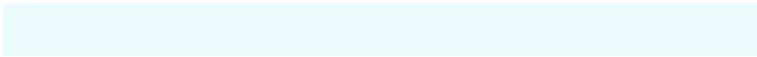
1.2826, 0.6085, 0.3550

Inverse Universe

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



96.1411, 0.3042, 0.3270



95.1277, 0.3018, 0.3264



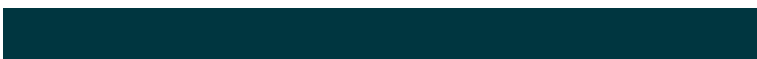
91.8980, 0.3043, 0.3203



20.2746, 0.3009, 0.3262



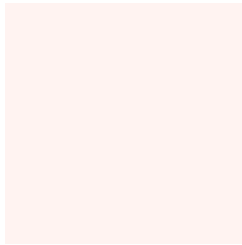
30.1373, 0.2117, 0.2822



3.0518, 0.2133, 0.2880

Previews

White Background



This preview shows how the Yxy color 91.7121, 0.3218, 0.3310 looks on a white background.

Color Contrast Check

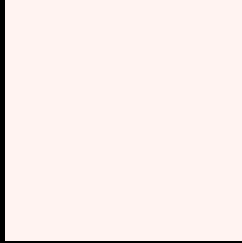
Large Text (above 18pt) WCAG AA × Fail

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 91.7121, 0.3218, 0.3310 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

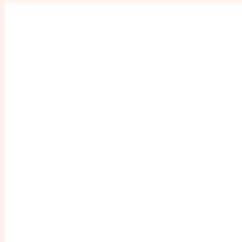
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7121, 0.3218, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 91.7121, 0.3218, 0.3310.



This preview shows how white text looks on a background with the Yxy color 91.7121, 0.3218, 0.3310.

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

91.7121, 0.3218, 0.3310

Protanopia

91.6214, 0.3185, 0.3310

Deuteranopia

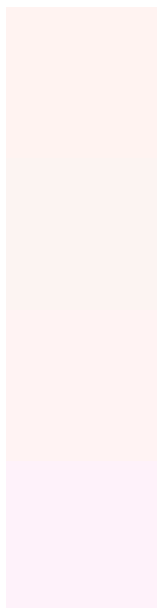
91.8928, 0.3199, 0.3281



Tritanopia

91.7951, 0.3127, 0.3165

Trichromacy



Original Color

91.7121, 0.3218, 0.3310

Protanomaly

91.8076, 0.3191, 0.3310

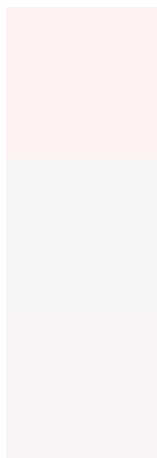
Deuteranomaly

91.8322, 0.3206, 0.3290

Tritanomaly

91.4772, 0.3157, 0.3213

Monochromacy



Original Color

91.7121, 0.3218, 0.3310

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.9762, 0.3159, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7121, 0.3218, 0.3310 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(255, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 241)  
}
```

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(255, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 241) }
```

Border

The CSS property to change the border of an element to Yxy 91.7121, 0.3218, 0.3310 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(255, 243, 241) }
```

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

```
.border{ border-color:rgb(255, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7121, 0.3218, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 241) }
```

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

```
.background{ background-color: rgb(255,  
243, 241) }
```

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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