

Converting Colors

Yxy(93.7462, 0.3153, 0.3290)

Have a look what the booklet for
Yxy(93.7462, 0.3153, 0.3290)
contains.

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Color

Yxy(93.7462, 0.3153, 0.3290)

Conversions

Conversions Part 1	
Format	Color
Hex	FBF7F7
RGB	251, 247, 247
RGB Percent	98%, 97%, 97%
CMY	0.0155, 0.0314, 0.0314
CMYK	0.00, 0.02, 0.02, 0.02
HSL	360°, 34%, 98%
HSV	360°, 2%, 98%
XYZ	89.8425, 93.7462, 101.3542
YIQ	248.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

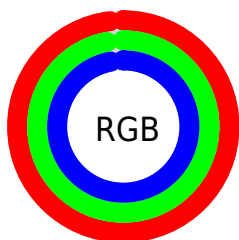
Format	Color
RYB	251, 247, 247
Decimal	16513015
CIELab	97.53, 1.35, 0.46
CIELCh	98, 1.427, 18.853
Yxy	93.7462, 0.3153, 0.3290
Android (android.graphics.Color)	4294703095 (0xFFFBF7F7)
YUV	248.1960, -0.5896, 2.4591
Hunter-Lab	96.8226, -3.8080, 5.7109

Details

The Yxy color 93.7462, 0.3153, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.7584, 0.3102, 0.3290, and the grayscale version is 94.0480, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.6253, 0.3160, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 77.9712, 0.3336, 0.3290, and if you desaturate by 10%, it is 99.2563, 0.3103, 0.3290.

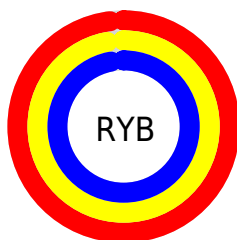
Distribution



Red (98%)

Green (97%)

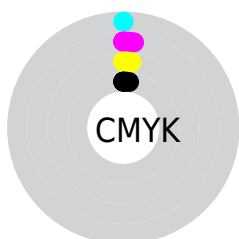
Blue (97%)



Red (98%)

Yellow (97%)

Blue (97%)

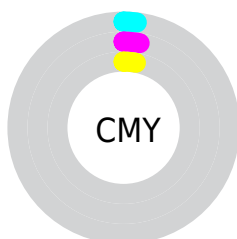


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (2%)



Cyan (2%)


Magenta (3%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7462, 0.3153, 0.3290 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 93.7462, 0.3153, 0.3290 by changing the saturation by 10% instead.

 93.7462, 0.3153,
0.3290

 93.7462, 0.3153,
0.3290

540.1432, 0.3142,
0.3290

 71.0919, 0.3155,
0.3290

152.5313, 0.3149,
0.3290

 52.4172, 0.3159,
0.3290


189.4308, 0.3148,
0.3290

 37.3377, 0.3162,
0.3290


231.8476, 0.3146,
0.3290

 25.4691, 0.3167,
0.3290

280.1660, 0.3145,
0.3290

 16.4269, 0.3173,
0.3290

334.7703, 0.3144,
0.3290

 9.8267, 0.3182,
0.3290


396.0450, 0.3143,


 5.2842, 0.3194,

0.3290

0.3289

464.3746, 0.3142,
0.3290

 2.4150, 0.3215,
0.3289


 0.8336, 0.3256,
0.3289


 93.7462, 0.3153,
0.3290


 93.7462, 0.3153,
0.3290

 77.9712, 0.3336,
0.3290

 99.2563, 0.3103,
0.3290

 64.3770, 0.3567,
0.3291

 52.8714, 0.3854,
0.3291

 43.3509, 0.4207,
0.3292

■ 35.7033, 0.4628,
0.3293

■ 29.8052, 0.5101,
0.3294

■ 25.5184, 0.5582,
0.3296

■ 22.6838, 0.6001,
0.3297

■ 21.1103, 0.6282,
0.3299

Harmonies

Analogous

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



93.7462, 0.3141, 0.3276



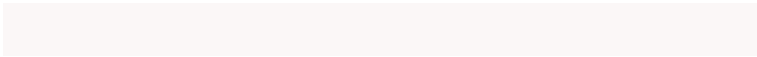
93.7462, 0.3153, 0.3290



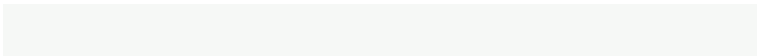
93.7462, 0.3158, 0.3304

Triad

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



93.7462, 0.3153, 0.3290



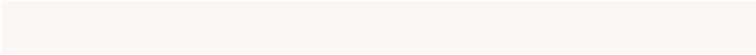
93.7462, 0.3129, 0.3314



93.7462, 0.3100, 0.3267

Complementary

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



93.7462, 0.3153, 0.3290



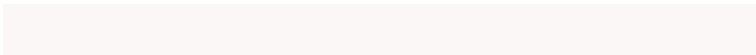
95.7584, 0.3102, 0.3290

Split Complementary

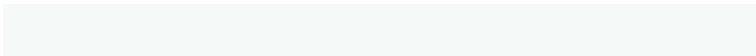
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7462, 0.3097, 0.3277



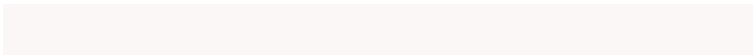
93.7462, 0.3153, 0.3290



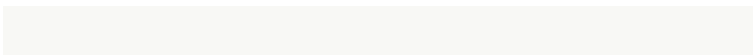
93.7462, 0.3114, 0.3304

Square

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



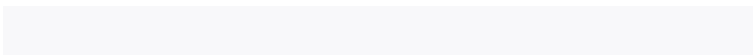
93.7462, 0.3153, 0.3290



93.7462, 0.3144, 0.3318



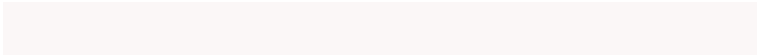
93.7462, 0.3102, 0.3290



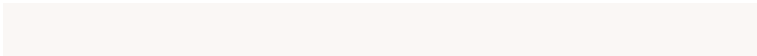
93.7462, 0.3110, 0.3263

Rectangle

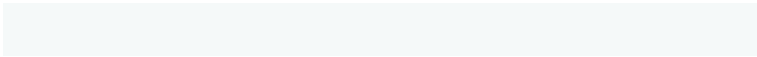
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.7462, 0.3153, 0.3290



93.7462, 0.3157, 0.3311



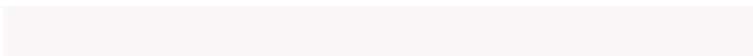
93.7462, 0.3102, 0.3290



93.7462, 0.3098, 0.3269

Sweetspot

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



93.7502, 0.3153, 0.3290

100.0000, 0.3127, 0.3290



93.9897, 0.3129, 0.3251



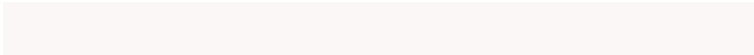
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

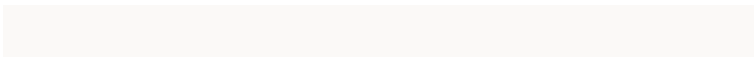
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7502, 0.3153, 0.3290



96.4653, 0.3159, 0.3290



94.9513, 0.3152, 0.3309



19.8027, 0.3158, 0.3290



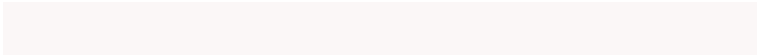
10.7810, 0.6399, 0.3299



0.9986, 0.6396, 0.3297

Inverse Universe

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



93.7502, 0.3153, 0.3290



96.4653, 0.3159, 0.3290



94.5439, 0.3103, 0.3271



19.8027, 0.3158, 0.3290



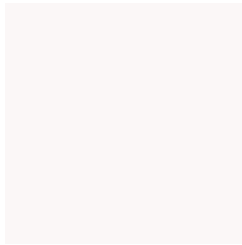
10.7810, 0.6399, 0.3299



0.9986, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 93.7462, 0.3153, 0.3290 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 93.7462, 0.3153, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

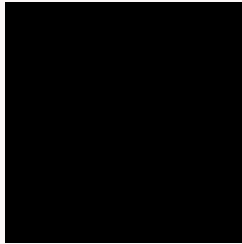
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.7462, 0.3153, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 93.7462, 0.3153, 0.3290.



This preview shows how white text looks on a background with the Yxy color 93.7462, 0.3153, 0.3290.

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

93.7462, 0.3153, 0.3290

Protanopia

93.9324, 0.3159, 0.3290

Deuteranopia

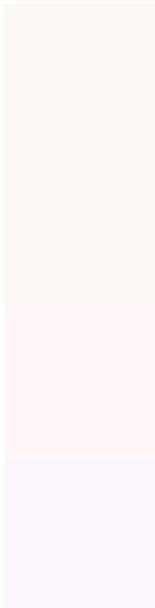
93.9488, 0.3173, 0.3271



Tritanopia

93.4555, 0.3099, 0.3203

Trichromacy



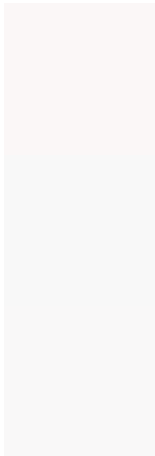
Original Color
93.7462, 0.3153, 0.3290

Protanomaly
93.9324, 0.3159, 0.3290

Deuteranomaly
93.7597, 0.3167, 0.3271

Tritanomaly
93.2638, 0.3117, 0.3232

Monochromacy



Original Color
93.7462, 0.3153, 0.3290

Achromatopsia
93.8686, 0.3127, 0.3290

Achromatomaly
94.0519, 0.3134, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7462, 0.3153, 0.3290 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(251, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 247)  
}
```

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(251, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 247) }
```

Border

The CSS property to change the border of an element to Yxy 93.7462, 0.3153, 0.3290 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(251, 247, 247) }
```

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

```
.border{ border-color:rgb(251, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(251, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
247) }
```

Background

The CSS property to change the background color of an element to Yxy 93.7462, 0.3153, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 247) }
```

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

```
.background{ background-color: rgb(251,  
247, 247) }
```

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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awesome pro features!

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