

Converting Colors

$Yxy(94.9163, 0.3212, 0.3376)$

Have a look what the booklet for
Yxy(94.9163, 0.3212, 0.3376)
contains.

Yxy(95.1135, 0.3213, 0.3377)	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(95.1135, 0.3213, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9F0
RGB	254, 249, 240
RGB Percent	100%, 98%, 94%
CMY	0.0037, 0.0236, 0.0587
CMYK	0.00, 0.02, 0.06, 0.00
HSL	38°, 88%, 97%
HSV	38°, 6%, 100%
XYZ	90.4944, 95.1135, 96.0429
YIQ	249.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

Format	Color
R_{YB}	248, 254, 240
Decimal	16710128
CIE _{Lab}	98.08, 0.17, 4.88
CIE _{LCh}	98, 4.883, 88.045
Yxy	95.1135, 0.3213, 0.3377
Android (android.graphics.Color)	4294900208 (0xFFFEF9F0)
YUV	249.4690, -4.6682, 3.9737
Hunter-Lab	97.5262, -5.0408, 9.8800

Details

The Yxy color 95.1135, 0.3213, 0.3377 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.0488, 0.3042, 0.3201, and the grayscale version is 95.1825, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.4709, 0.3228, 0.3401 is the 20% darker color. If you saturate the color by 10%, you get 88.1767, 0.3382, 0.3541, and if you desaturate by 10%, it is 99.8216, 0.3121, 0.3290.

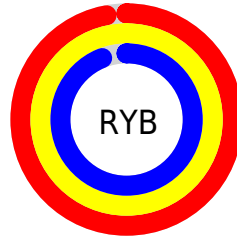
Distribution



Red (100%)

Green (98%)

Blue (94%)



Red (97%)

Yellow (100%)

Blue (94%)



Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1135, 0.3213, 0.3377 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 95.1135, 0.3213, 0.3377 by changing the saturation by 10% instead.


 95.1135, 0.3213,
0.3377

 95.1135, 0.3213,
0.3377


544.5283, 0.3175,
0.3339

 72.2294, 0.3221,
0.3385


154.4214, 0.3200,
0.3364

 53.3461, 0.3231,
0.3395


191.6140, 0.3195,
0.3359

 38.0792, 0.3244,
0.3408


234.3450, 0.3191,
0.3354

 26.0441, 0.3259,
0.3424

282.9986, 0.3187,
0.3351

 16.8567, 0.3280,
0.3445

337.9594, 0.3183,
0.3347

 10.1323, 0.3308,
0.3473

399.6117, 0.3180,

 5.4868, 0.3349,

0.3344

0.3515

468.3398, 0.3178,
0.3341

■ 2.5356, 0.3414,
0.3580

■ 0.8944, 0.3587,
0.3756

■ 95.1135, 0.3213,
0.3377

■ 95.1135, 0.3213,
0.3377

■ 88.1767, 0.3382,
0.3541

99.8216, 0.3121,
0.3290

■ 81.7116, 0.3569,
0.3711

■ 75.7091, 0.3771,
0.3882

■ 70.1549, 0.3987,
0.4046

■ 65.0339, 0.4209,
0.4195

■ 60.3297, 0.4430,
0.4316

■ 56.0241, 0.4637,
0.4398

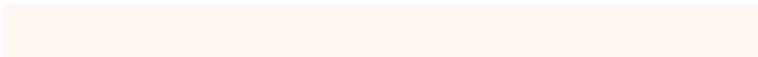
■ 52.0966, 0.4820,
0.4431

■ 48.5227, 0.4970,
0.4411

Harmonies

Analogous

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



95.1135, 0.3232, 0.3348



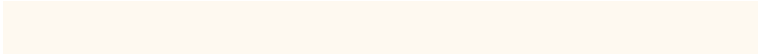
95.1135, 0.3213, 0.3377



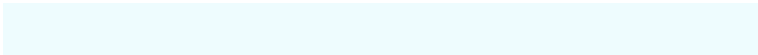
95.1135, 0.3171, 0.3383

Triad

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



95.1135, 0.3213, 0.3377



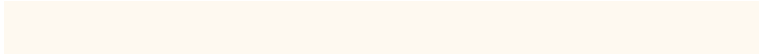
95.1135, 0.3032, 0.3275



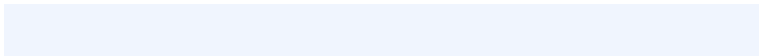
95.1135, 0.3137, 0.3219

Complementary

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



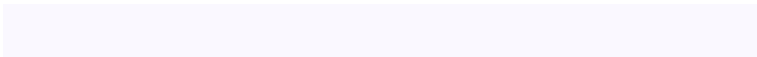
95.1135, 0.3213, 0.3377



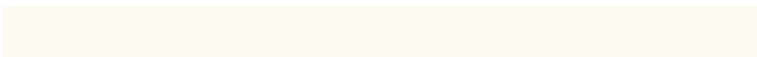
91.0488, 0.3042, 0.3201

Split Complementary

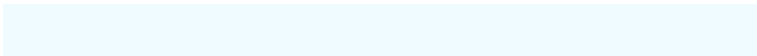
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1135, 0.3083, 0.3199



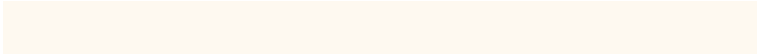
95.1135, 0.3213, 0.3377



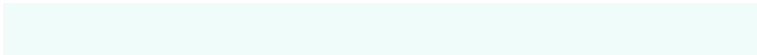
95.1135, 0.3023, 0.3231

Square

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



95.1135, 0.3213, 0.3377



95.1135, 0.3066, 0.3324



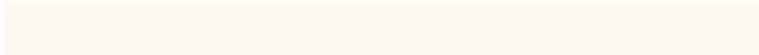
95.1135, 0.3042, 0.3204



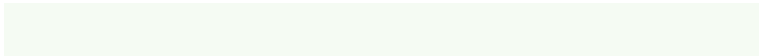
95.1135, 0.3188, 0.3257

Rectangle

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



95.1135, 0.3213, 0.3377



95.1135, 0.3135, 0.3373



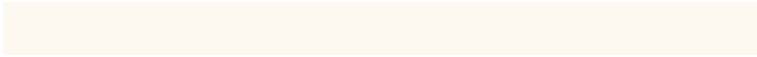
95.1135, 0.3042, 0.3204



95.1135, 0.3119, 0.3210

Sweetspot

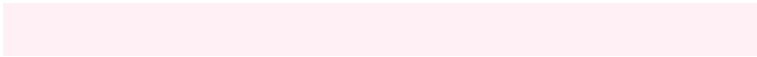
The Sweet Spot groups the original color and five complimentary colors.



95.1176, 0.3213, 0.3377



98.5061, 0.3158, 0.3321



90.0175, 0.3188, 0.3240



21.1001, 0.3156, 0.3320



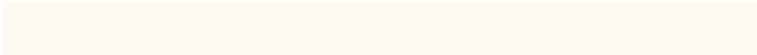
0.0000, 0.0000, 0.0000



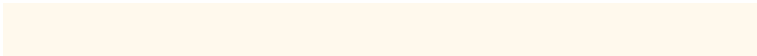
21.4041, 0.3127, 0.3290

Same Dimension

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



95.1176, 0.3213, 0.3377



94.8581, 0.3237, 0.3401



97.9425, 0.3197, 0.3426



20.2111, 0.3247, 0.3411



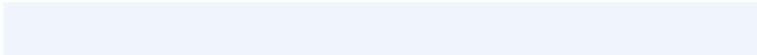
25.0690, 0.5011, 0.4403



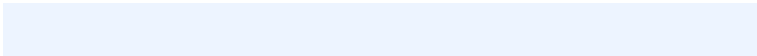
2.6484, 0.4893, 0.4497

Inverse Universe

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



91.0488, 0.3042, 0.3201



89.7099, 0.3019, 0.3177



88.3509, 0.3055, 0.3151



19.0191, 0.3009, 0.3167



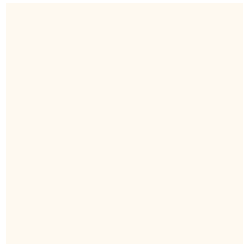
8.0391, 0.1653, 0.1149



0.9812, 0.1715, 0.1373

Previews

White Background



This preview shows how the Yxy color 95.1135, 0.3213, 0.3377 looks on a white background.

Color Contrast Check

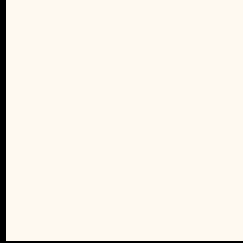
Large Text (above 18pt) WCAG AA × Fail

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 95.1135, 0.3213, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

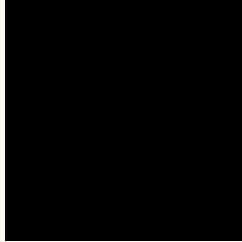
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1135, 0.3213, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 95.1135, 0.3213, 0.3377.



This preview shows how white text looks on a background with the Yxy color 95.1135, 0.3213, 0.3377.

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

95.1135, 0.3213, 0.3377

Protanopia

95.3622, 0.3213, 0.3367

Deuteranopia

95.1721, 0.3172, 0.3290

Tritanopia

95.0503, 0.3111, 0.3223

Trichromacy



Original Color

95.1135, 0.3213, 0.3377

Protanomaly

95.3622, 0.3213, 0.3367

Deuteranomaly

94.9874, 0.3190, 0.3319

Tritanomaly

94.9196, 0.3147, 0.3271

Monochromacy



Original Color

95.1135, 0.3213, 0.3377

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.9144, 0.3158, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1135, 0.3213, 0.3377 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, 249, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 240)  
}
```

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, 249, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 240) }
```

Border

The CSS property to change the border of an element to Yxy 95.1135, 0.3213, 0.3377 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, 249, 240) }
```

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

```
.border{ border-color:rgb(254, 249, 240) }
```

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

Here you see how a box with a 4 pixel rgb(254, 249, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1135, 0.3213, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 240) }
```

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

```
.background{ background-color: rgb(254,  
249, 240) }
```

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