

Converting Colors

$Yxy(87.3246, 0.3373, 0.3523)$

Have a look what the booklet for
Yxy(87.3246, 0.3373, 0.3523)
contains.

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Color

Yxy(87.5219, 0.3373, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	FDEFD7
RGB	253, 239, 215
RGB Percent	99%, 94%, 84%
CMY	0.0080, 0.0627, 0.1568
CMYK	0.00, 0.06, 0.15, 0.01
HSL	38°, 90%, 92%
HSV	38°, 15%, 99%
XYZ	83.6293, 87.5219, 76.7862
YIQ	240.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

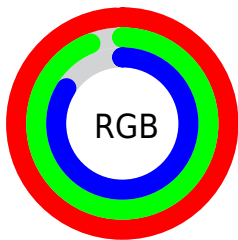
Format	Color
RYB	237, 253, 215
Decimal	16642007
CIELab	94.96, 0.85, 13.29
CIElCh	95, 13.315, 86.356
Yxy	87.5219, 0.3373, 0.3530
Android (android.graphics.Color)	4294832087 (0xFFFDEFD7)
YUV	240.4500, -12.5468, 11.0064
Hunter-Lab	93.5531, -4.1528, 16.8234

Details

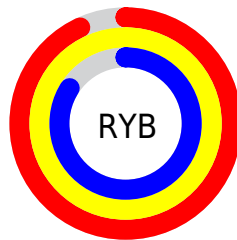
The Yxy color **87.5219, 0.3373, 0.3530** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.5509, 0.2889, 0.3038**, and the grayscale version is **87.5983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.1408, 0.3428, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **81.0221, 0.3559, 0.3698**, and if you desaturate by 10%, it is **94.5102, 0.3205, 0.3368**.

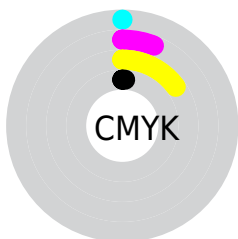
Distribution



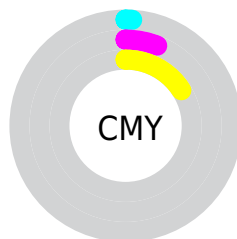
- Red (99%)
- Green (94%)
- Blue (84%)



- Red (93%)
- Yellow (99%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.5219, 0.3373, 0.3530 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 87.5219, 0.3373, 0.3530 by changing the saturation by 10% instead.


 87.5219, 0.3373,
0.3530

 87.5219, 0.3373,
0.3530

519.9363, 0.3263,
0.3423

 65.9272, 0.3397,
0.3554

143.8914, 0.3335,
0.3494

 48.2133, 0.3427,
0.3582


179.4349, 0.3321,
0.3479

 33.9958, 0.3464,
0.3618


220.3968, 0.3308,
0.3467

 22.8904, 0.3511,
0.3664

267.1616, 0.3297,
0.3456

 14.5126, 0.3574,
0.3724

320.1135, 0.3287,
0.3446

 8.4780, 0.3660,
0.3806

379.6370, 0.3278,

 4.4023, 0.3786,

0.3437

0.3927

446.1164, 0.3270,
0.3430

■ 1.9011, 0.3989,
0.4118

■ 0.5490, 0.4970,
0.5030

■ 87.5219, 0.3373,
0.3530

■ 87.5219, 0.3373,
0.3530

■ 81.0221, 0.3559,
0.3698

■ 94.5102, 0.3205,
0.3368

■ 74.9859, 0.3762,
0.3868

■ 99.6141, 0.3115,
0.3290

■ 69.4029, 0.3978,
0.4031

■ 64.2579, 0.4202,
0.4180

■ 59.5346, 0.4426,
0.4302

■ 55.2148, 0.4637,
0.4385

■ 51.2781, 0.4824,
0.4419

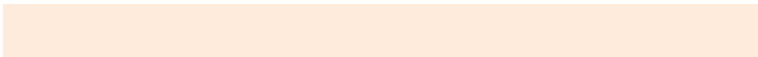
■ 47.7004, 0.4978,
0.4401

■ 46.0298, 0.5045,
0.4376

Harmonies

Analogous

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



87.5219, 0.3425, 0.3442



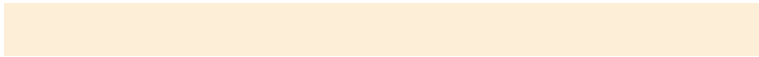
87.5219, 0.3373, 0.3530



87.5219, 0.3255, 0.3555

Triad

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



87.5219, 0.3373, 0.3530



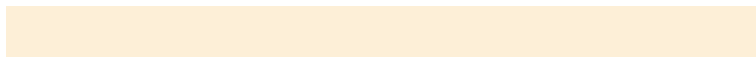
87.5219, 0.2866, 0.3253



87.5219, 0.3144, 0.3089

Complementary

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



87.5219, 0.3373, 0.3530



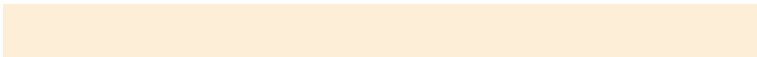
77.5509, 0.2889, 0.3038

Split Complementary

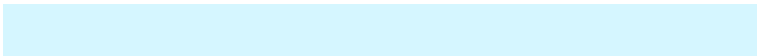
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5219, 0.2996, 0.3038



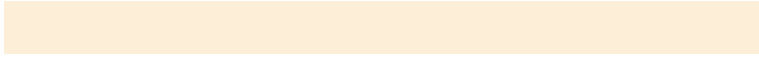
87.5219, 0.3373, 0.3530



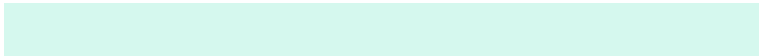
87.5219, 0.2838, 0.3128

Square

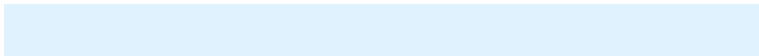
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5219, 0.3373, 0.3530



87.5219, 0.2963, 0.3392



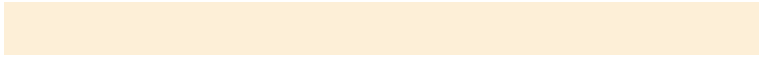
87.5219, 0.2885, 0.3051



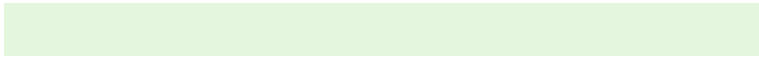
87.5219, 0.3291, 0.3190

Rectangle

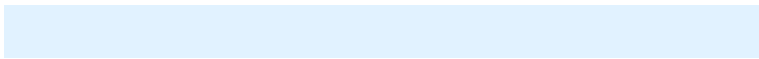
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5219, 0.3373, 0.3530



87.5219, 0.3156, 0.3529



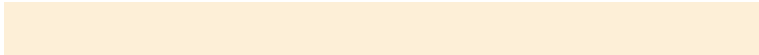
87.5219, 0.2885, 0.3051



87.5219, 0.3093, 0.3065

Sweetspot

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



87.5258, 0.3373, 0.3530



96.9932, 0.3189, 0.3352



75.1724, 0.3305, 0.3144



20.6414, 0.3201, 0.3364



0.0000, 0.0000, 0.0000



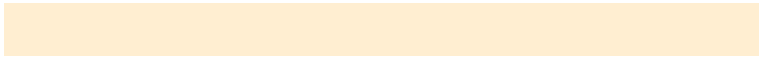
21.4041, 0.3127, 0.3290

Same Dimension

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



87.5258, 0.3373, 0.3530



87.0992, 0.3427, 0.3580



95.1821, 0.3324, 0.3667



19.9031, 0.3278, 0.3440



24.7838, 0.5028, 0.4390



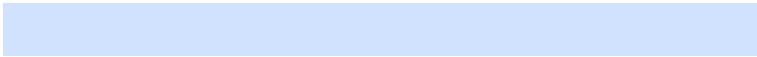
2.6218, 0.4907, 0.4486

Inverse Universe

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



77.5509, 0.2889, 0.3038



75.1607, 0.2839, 0.2982



70.8277, 0.2913, 0.2891



18.4703, 0.2979, 0.3135



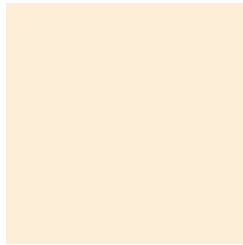
8.1841, 0.1657, 0.1165



0.9968, 0.1720, 0.1390

Previews

White Background



This preview shows how the Yxy color 87.5219, 0.3373, 0.3530 looks on a white background.

Color Contrast Check

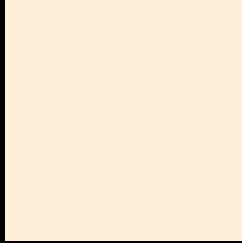
Large Text (above 18pt) WCAG AA × Fail

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 87.5219, 0.3373, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

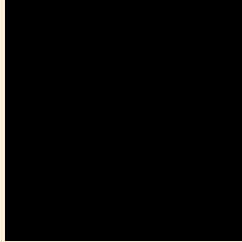
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.5219, 0.3373, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 87.5219, 0.3373, 0.3530.

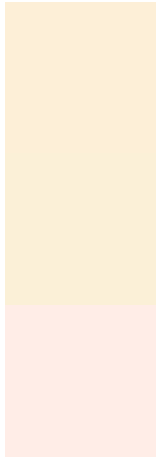


This preview shows how white text looks on a background with the Yxy color 87.5219, 0.3373, 0.3530.

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

87.5219, 0.3373, 0.3530

Protanopia

87.7357, 0.3358, 0.3541

Deuteranopia

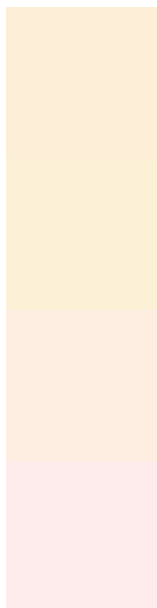
87.5979, 0.3286, 0.3349



Tritanopia

87.5788, 0.3167, 0.3145

Trichromacy



Original Color

87.5219, 0.3373, 0.3530

Protanomaly

87.9219, 0.3365, 0.3540

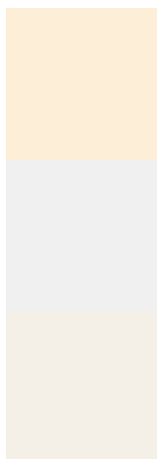
Deuteranomaly

87.6561, 0.3317, 0.3419

Tritanomaly

87.1762, 0.3242, 0.3281

Monochromacy



Original Color

87.5219, 0.3373, 0.3530

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.5022, 0.3216, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.5219, 0.3373, 0.3530 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(253, 239, 215)` looks like.

```
.text, #text, p{  
  color:rgb(253, 239, 215)  
}
```

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(253, 239, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 215) }
```

Border

The CSS property to change the border of an element to Yxy 87.5219, 0.3373, 0.3530 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(253, 239, 215) }
```

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

```
.border{ border-color:rgb(253, 239, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 239, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 215);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 87.5219, 0.3373, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 215) }
```

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

```
.background{ background-color: rgb(253,  
239, 215) }
```

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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