

Converting Colors

$Yxy(88.6989, 0.3342, 0.3468)$

Have a look what the booklet for
Yxy(88.6989, 0.3342, 0.3468)
contains.

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Color

Yxy(88.8541, 0.3341, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0DE
RGB	255, 240, 222
RGB Percent	100%, 94%, 87%
CMY	0.0000, 0.0589, 0.1293
CMYK	0.00, 0.06, 0.13, 0.00
HSL	33°, 100%, 94%
HSV	33°, 13%, 100%
XYZ	85.6002, 88.8541, 81.7570
YIQ	242.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

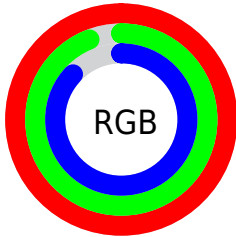
Format	Color
R_{YB}	250, 255, 222
Decimal	16773342
CIE _{Lab}	95.52, 2.17, 10.49
CIE _{LCh}	96, 10.714, 78.334
Yxy	88.8541, 0.3341, 0.3468
Android (android.graphics.Color)	4294963422 (0xFFFFF0DE)
YUV	242.4330, -10.0735, 11.0213
Hunter-Lab	94.2625, -2.8625, 14.5595

Details

The Yxy color **88.8541, 0.3341, 0.3468** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3372, 0.2924, 0.3105**, and the grayscale version is **89.2218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0768, 0.3386, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **80.9669, 0.3531, 0.3613**, and if you desaturate by 10%, it is **97.3737, 0.3173, 0.3329**.

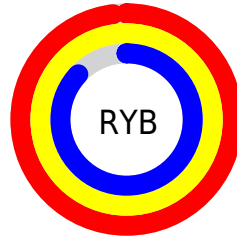
Distribution



Red (100%)

Green (94%)

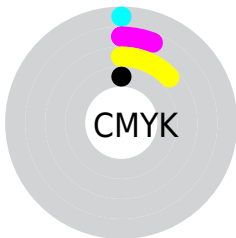
Blue (87%)



Red (98%)

Yellow (100%)

Blue (87%)

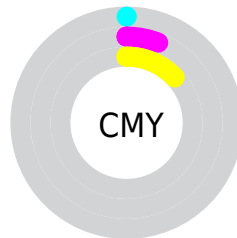


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8541, 0.3341, 0.3468 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 88.8541, 0.3341, 0.3468 by changing the saturation by 10% instead.


 88.8541, 0.3341,
0.3468

 88.8541, 0.3341,
0.3468


524.2962, 0.3245,
0.3389

 67.0306, 0.3362,
0.3485


145.7457, 0.3308,
0.3441

 49.1095, 0.3388,
0.3506


181.5825, 0.3296,
0.3431

 34.7064, 0.3420,
0.3532

222.8594, 0.3284,
0.3421

 23.4368, 0.3461,
0.3566

269.9605, 0.3275,
0.3413

 14.9164, 0.3515,
0.3609

323.2704, 0.3266,
0.3406

 8.7607, 0.3591,
0.3669

383.1733, 0.3258,

 4.5854, 0.3701,

0.3400

0.3756

450.0538, 0.3251,
0.3394

■ 2.0061, 0.3880,
0.3893

■ 0.6110, 0.5091,
0.4909

■ 88.8541, 0.3341,
0.3468

■ 88.8541, 0.3341,
0.3468

■ 80.9669, 0.3531,
0.3613

■ 97.3737, 0.3173,
0.3329

■ 73.7119, 0.3743,
0.3762

100.0000, 0.3127,
0.3290

■ 67.0651, 0.3976,
0.3907

■ 61.0070, 0.4226,
0.4040

■ 55.5170, 0.4485,
0.4150

■ 50.5724, 0.4740,
0.4224

■ 46.1481, 0.4977,
0.4250

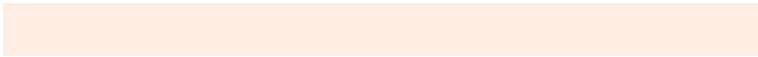
■ 42.2156, 0.5180,
0.4221

■ 39.7087, 0.5302,
0.4172

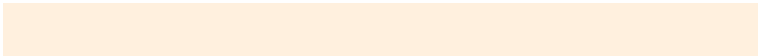
Harmonies

Analogous

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



88.8541, 0.3365, 0.3388



88.8541, 0.3341, 0.3468



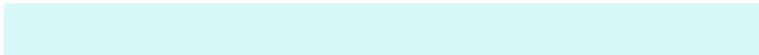
88.8541, 0.3259, 0.3502

Triad

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



88.8541, 0.3341, 0.3468



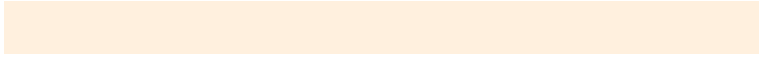
88.8541, 0.2934, 0.3291



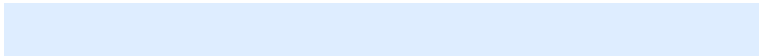
88.8541, 0.3108, 0.3112

Complementary

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



88.8541, 0.3341, 0.3468



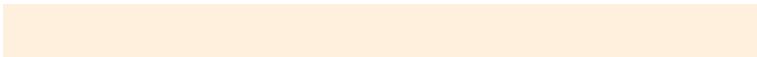
83.3372, 0.2924, 0.3105

Split Complementary

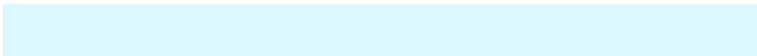
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8541, 0.2994, 0.3085



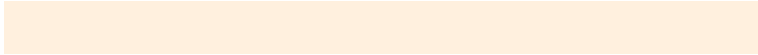
88.8541, 0.3341, 0.3468



88.8541, 0.2895, 0.3185

Square

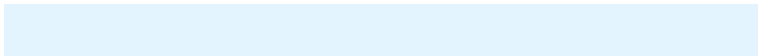
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8541, 0.3341, 0.3468



88.8541, 0.3024, 0.3399



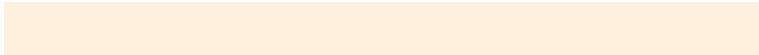
88.8541, 0.2917, 0.3111



88.8541, 0.3229, 0.3185

Rectangle

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



88.8541, 0.3341, 0.3468



88.8541, 0.3183, 0.3492



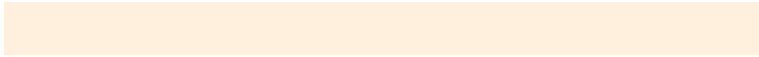
88.8541, 0.2917, 0.3111



88.8541, 0.3068, 0.3098

Sweetspot

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



88.8484, 0.3341, 0.3468



96.4341, 0.3189, 0.3344



79.6501, 0.3259, 0.3138



20.4999, 0.3202, 0.3354



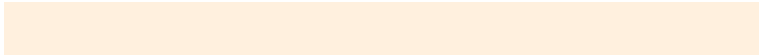
0.0000, 0.0000, 0.0000



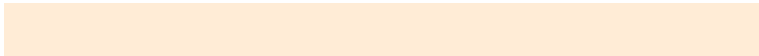
21.4041, 0.3127, 0.3290

Same Dimension

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



88.8484, 0.3341, 0.3468



86.3646, 0.3397, 0.3512



97.8469, 0.3314, 0.3612



19.6274, 0.3281, 0.3420



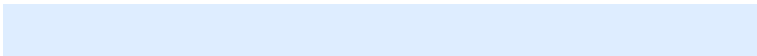
21.0512, 0.5279, 0.4190



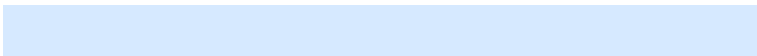
2.2682, 0.5121, 0.4316

Inverse Universe

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



83.3372, 0.2924, 0.3105



79.6935, 0.2874, 0.3058



75.1782, 0.2927, 0.2948



18.7396, 0.2979, 0.3157



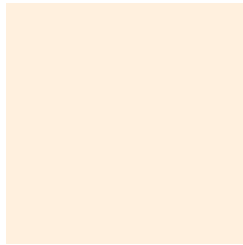
10.5960, 0.1730, 0.1427



1.2468, 0.1790, 0.1643

Previews

White Background



This preview shows how the Yxy color 88.8541, 0.3341, 0.3468 looks on a white background.

Color Contrast Check

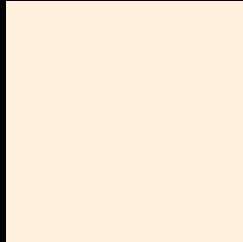
Large Text (above 18pt) WCAG AA × Fail

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 88.8541, 0.3341, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

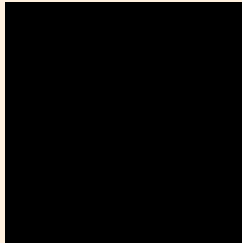
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.8541, 0.3341, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 88.8541, 0.3341, 0.3468.

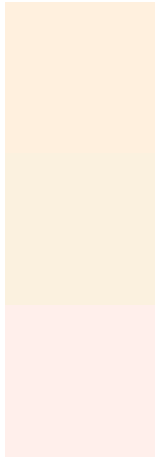


This preview shows how white text looks on a background with the Yxy color 88.8541, 0.3341, 0.3468.

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

88.8541, 0.3341, 0.3468

Protanopia

88.7475, 0.3306, 0.3470

Deuteranopia

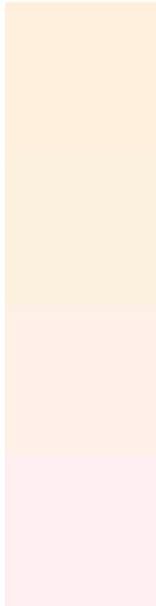
88.9912, 0.3259, 0.3330



Tritanopia

88.7934, 0.3160, 0.3155

Trichromacy



Original Color

88.8541, 0.3341, 0.3468

Protanomaly

88.9338, 0.3313, 0.3469

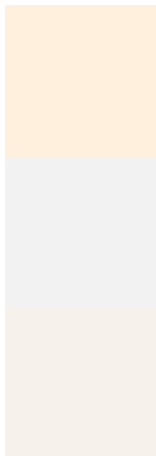
Deuteranomaly

88.7062, 0.3291, 0.3379

Tritanomaly

88.7003, 0.3228, 0.3271

Monochromacy



Original Color

88.8541, 0.3341, 0.3468

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.6829, 0.3204, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8541, 0.3341, 0.3468 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, 240, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 222)  
}
```

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, 240, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 222) }
```

Border

The CSS property to change the border of an element to Yxy 88.8541, 0.3341, 0.3468 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, 240, 222) }
```

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

```
.border{ border-color:rgb(255, 240, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8541, 0.3341, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 222) }
```

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

```
.background{ background-color: rgb(255,  
240, 222) }
```

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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