

Converting Colors

$Yxy(87.7191, 0.3294, 0.3471)$

Have a look what the booklet for
Yxy(87.7191, 0.3294, 0.3471)
contains.

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Color

Yxy(87.5506, 0.3293, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	F8F0DE
RGB	248, 240, 222
RGB Percent	97%, 94%, 87%
CMY	0.0274, 0.0588, 0.1294
CMYK	0.00, 0.03, 0.10, 0.03
HSL	42°, 65%, 92%
HSV	42°, 10%, 97%
XYZ	83.0608, 87.5506, 81.6231
YIQ	240.3400, 10.5460, -3.9020

Conversions

Conversions Part 2

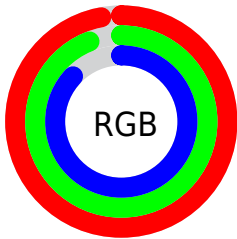
Format	Color
R_{YB}	234, 248, 222
Decimal	16314590
CIE _{Lab}	94.97, -0.29, 9.65
CIE _{LCh}	95, 9.651, 91.746
Yxy	87.5506, 0.3293, 0.3471
Android (android.graphics.Color)	4294504670 (0xFFFF8F0DE)
YUV	240.3400, -9.0416, 6.7178
Hunter-Lab	93.5685, -5.2902, 13.7772

Details

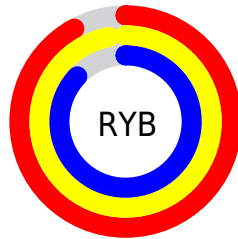
The Yxy color **87.5506, 0.3293, 0.3471** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9093, 0.2963, 0.3102**, and the grayscale version is **87.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.2775, 0.3333, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **81.9149, 0.3467, 0.3651**, and if you desaturate by 10%, it is **93.5791, 0.3135, 0.3298**.

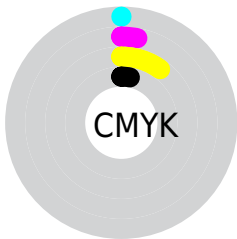
Distribution



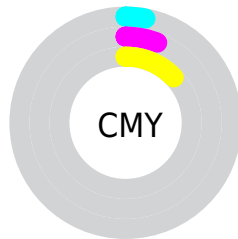
- Red (97%)
- Green (94%)
- Blue (87%)



- Red (92%)
- Yellow (97%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.5506, 0.3293, 0.3471 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 87.5506, 0.3293, 0.3471 by changing the saturation by 10% instead.

 87.5506, 0.3293,
0.3471

 87.5506, 0.3293,
0.3471


520.0304, 0.3219,
0.3390

 65.9509, 0.3309,
0.3489


143.9313, 0.3268,
0.3443

 48.2326, 0.3329,
0.3511


179.4812, 0.3258,
0.3432

 34.0111, 0.3354,
0.3538

220.4500, 0.3249,
0.3423

 22.9021, 0.3386,
0.3573

267.2219, 0.3242,
0.3415

 14.5213, 0.3428,
0.3619

320.1816, 0.3235,
0.3407

 8.4841, 0.3487,
0.3683

379.7133, 0.3229,

 4.4062, 0.3573,

0.3401

0.3778

446.2014, 0.3224,
0.3395

■ 1.9033, 0.3713,
0.3932

■ 0.5504, 0.4839,
0.5161

■ 87.5506, 0.3293,
0.3471

■ 87.5506, 0.3293,
0.3471

■ 81.9149, 0.3467,
0.3651

■ 93.5791, 0.3135,
0.3298

■ 76.6498, 0.3655,
0.3835

■ 98.7003, 0.3084,
0.3290

■ 71.7476, 0.3854,
0.4016

■ 67.1960, 0.4059,
0.4184

■ 62.9817, 0.4263,
0.4331

■ 59.0901, 0.4456,
0.4444

■ 55.5048, 0.4629,
0.4513

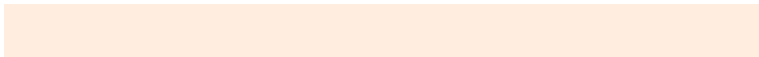
■ 52.2064, 0.4772,
0.4532

■ 49.3091, 0.4880,
0.4507

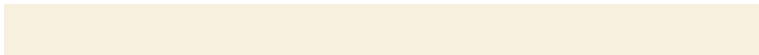
Harmonies

Analogous

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



87.5506, 0.3340, 0.3415



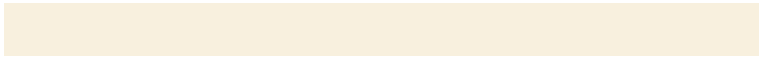
87.5506, 0.3293, 0.3471



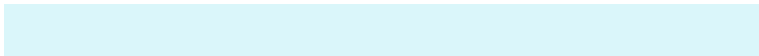
87.5506, 0.3202, 0.3478

Triad

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



87.5506, 0.3293, 0.3471



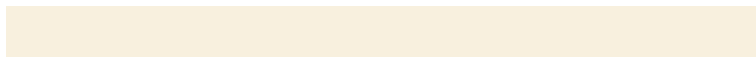
87.5506, 0.2930, 0.3247



87.5506, 0.3160, 0.3154

Complementary

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



87.5506, 0.3293, 0.3471



78.9093, 0.2963, 0.3102

Split Complementary

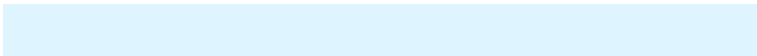
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5506, 0.3050, 0.3109



87.5506, 0.3293, 0.3471



87.5506, 0.2919, 0.3161

Square

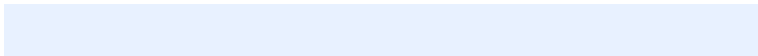
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5506, 0.3293, 0.3471



87.5506, 0.2992, 0.3347



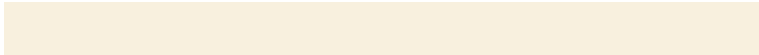
87.5506, 0.2963, 0.3111



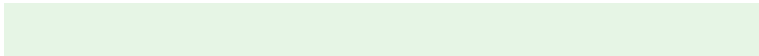
87.5506, 0.3263, 0.3233

Rectangle

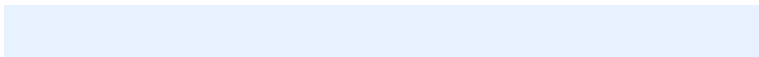
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5506, 0.3293, 0.3471



87.5506, 0.3128, 0.3453



87.5506, 0.2963, 0.3111



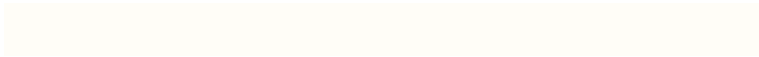
87.5506, 0.3123, 0.3134

Sweetspot

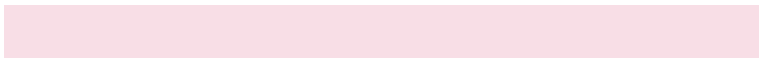
The Sweet Spot groups the original color and five complimentary colors.



87.5544, 0.3293, 0.3471



98.0221, 0.3173, 0.3341



77.9263, 0.3258, 0.3207



20.8690, 0.3185, 0.3355



0.0000, 0.0000, 0.0000



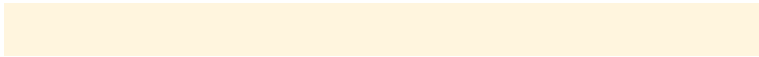
21.4041, 0.3127, 0.3290

Same Dimension

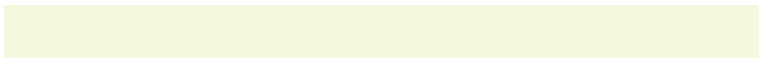
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5544, 0.3293, 0.3471



91.7002, 0.3335, 0.3516



91.5206, 0.3252, 0.3552



19.2351, 0.3277, 0.3453



26.8920, 0.4867, 0.4518



2.6786, 0.4766, 0.4598

Inverse Universe

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



78.9093, 0.2963, 0.3102



80.4762, 0.2922, 0.3053



75.3109, 0.2994, 0.3020



17.5154, 0.2979, 0.3121



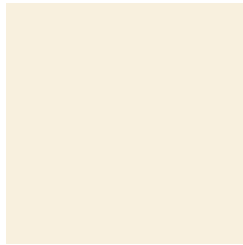
6.7025, 0.1615, 0.1014



0.8001, 0.1680, 0.1246

Previews

White Background



This preview shows how the Yxy color 87.5506, 0.3293, 0.3471 looks on a white background.

Color Contrast Check

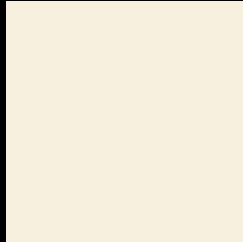
Large Text (above 18pt) WCAG AA × Fail

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 87.5506, 0.3293, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

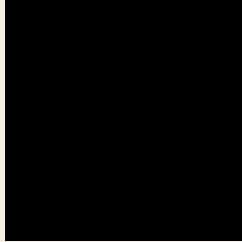
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

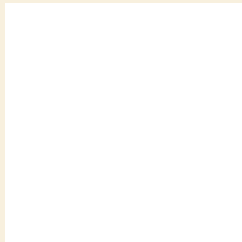
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.5506, 0.3293, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 87.5506, 0.3293, 0.3471.

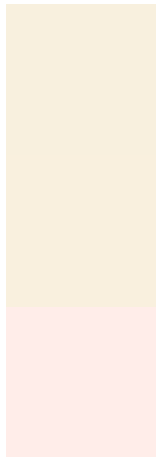


This preview shows how white text looks on a background with the Yxy color 87.5506, 0.3293, 0.3471.

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

87.5506, 0.3293, 0.3471

Protanopia

87.7338, 0.3300, 0.3471

Deuteranopia

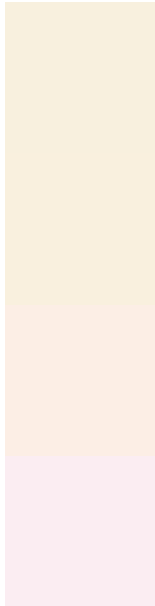
87.7116, 0.3274, 0.3330



Tritanopia

87.4551, 0.3129, 0.3106

Trichromacy



Original Color

87.5506, 0.3293, 0.3471

Protanomaly

87.7338, 0.3300, 0.3471

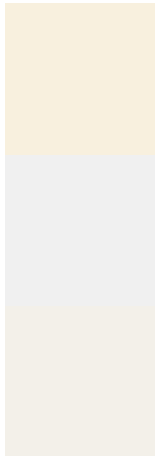
Deuteranomaly

87.5017, 0.3278, 0.3380

Tritanomaly

87.4884, 0.3189, 0.3241

Monochromacy



Original Color

87.5506, 0.3293, 0.3471

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.2581, 0.3190, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.5506, 0.3293, 0.3471 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(248, 240, 222)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 240, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 240, 222) }
```

Border

The CSS property to change the border of an element to Yxy 87.5506, 0.3293, 0.3471 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(248, 240, 222) }
```

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

```
.border{ border-color:rgb(248, 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(248, 240, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 240, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 240, 222);  
box-shadow:4px 4px 4px 4px rgb(248, 240,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 87.5506, 0.3293, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 240, 222) }
```

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

```
.background{ background-color: rgb(248,  
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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