

Converting Colors

$Y_{xy}(87.3298, 0.3314, 0.3500)$

Have a look what the booklet for
Yxy(87.3298, 0.3314, 0.3500)
contains.

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Color

Yxy(87.3911, 0.3312, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	F8F0DB
RGB	248, 240, 219
RGB Percent	97%, 94%, 86%
CMY	0.0275, 0.0588, 0.1413
CMYK	0.00, 0.03, 0.12, 0.03
HSL	44°, 67%, 92%
HSV	44°, 12%, 97%
XYZ	82.6497, 87.3911, 79.5054
YIQ	239.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

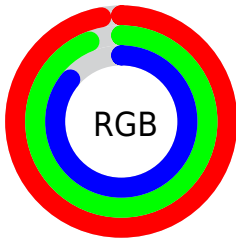
Format	Color
R _Y B	230, 248, 219
Decimal	16314587
CIE Lab	94.90, -0.79, 11.12
CIE LCh	95, 11.144, 94.083
Yxy	87.3911, 0.3312, 0.3502
Android (android.graphics.Color)	4294504667 (0xFFFF8F0DB)
YUV	239.9980, -10.3520, 7.0178
Hunter-Lab	93.4832, -5.7814, 15.0134

Details

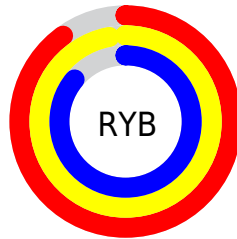
The Yxy color **87.3911, 0.3312, 0.3502** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.7351, 0.2943, 0.3069**, and the grayscale version is **87.2110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.1678, 0.3357, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **82.2489, 0.3485, 0.3691**, and if you desaturate by 10%, it is **92.8861, 0.3153, 0.3320**.

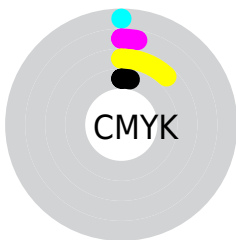
Distribution



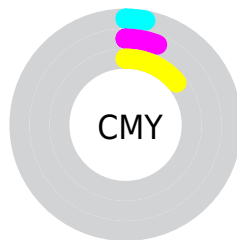
- Red (97%)
- Green (94%)
- Blue (86%)



- Red (90%)
- Yellow (97%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.3911, 0.3312, 0.3502 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 87.3911, 0.3312, 0.3502 by changing the saturation by 10% instead.

 87.3911, 0.3312,
0.3502

 87.3911, 0.3312,
0.3502


519.5072, 0.3229,
0.3407

 65.8189, 0.3330,
0.3523

143.7091, 0.3284,
0.3470

 48.1254, 0.3353,
0.3549


179.2238, 0.3273,
0.3457

 33.9262, 0.3380,
0.3581


220.1547, 0.3263,
0.3446

 22.8369, 0.3416,
0.3622

266.8863, 0.3255,
0.3436

 14.4731, 0.3462,
0.3676

319.8029, 0.3247,
0.3427

 8.4505, 0.3527,
0.3752

379.2890, 0.3241,

 4.3845, 0.3622,

0.3420

445.7290, 0.3235,
0.3413

0.3863

■ 1.8909, 0.3775,
0.4043

■ 0.5429, 0.4778,
0.5222

■ 87.3911, 0.3312,
0.3502

■ 87.3911, 0.3312,
0.3502

■ 82.2489, 0.3485,
0.3691

■ 92.8861, 0.3153,
0.3320

■ 77.4377, 0.3670,
0.3883

■ 97.8274, 0.3084,
0.3277

■ 72.9507, 0.3864,
0.4069

■ 98.6937, 0.3084,
0.3290

■ 68.7759, 0.4060,
0.4243

■ 64.9009, 0.4252,
0.4392

■ 61.3114, 0.4430,
0.4506

■ 57.9916, 0.4584,
0.4575

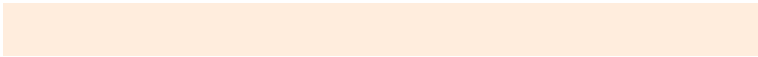
■ 54.9227, 0.4709,
0.4594

■ 52.5432, 0.4792,
0.4577

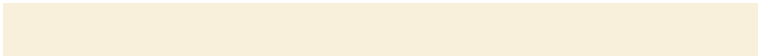
Harmonies

Analogous

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



87.3911, 0.3371, 0.3441



87.3911, 0.3312, 0.3502



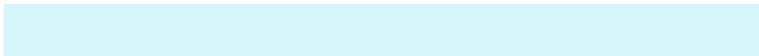
87.3911, 0.3203, 0.3506

Triad

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



87.3911, 0.3312, 0.3502



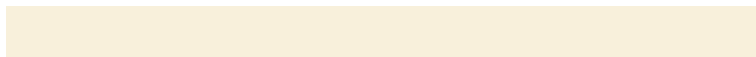
87.3911, 0.2896, 0.3230



87.3911, 0.3175, 0.3139

Complementary

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



87.3911, 0.3312, 0.3502



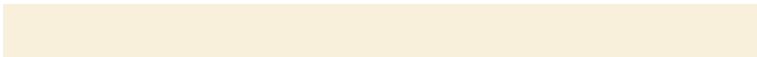
76.7351, 0.2943, 0.3069

Split Complementary

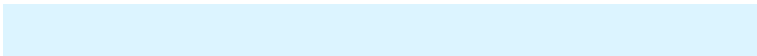
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3911, 0.3048, 0.3084



87.3911, 0.3312, 0.3502



87.3911, 0.2889, 0.3134

Square

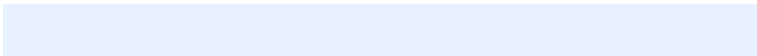
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3911, 0.3312, 0.3502



87.3911, 0.2964, 0.3347



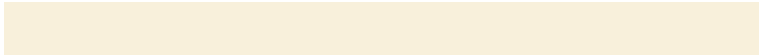
87.3911, 0.2943, 0.3081



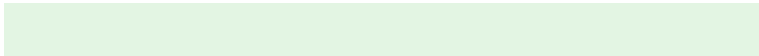
87.3911, 0.3292, 0.3232

Rectangle

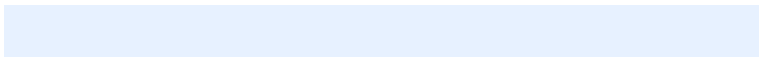
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3911, 0.3312, 0.3502



87.3911, 0.3118, 0.3474



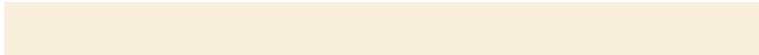
87.3911, 0.2943, 0.3081



87.3911, 0.3132, 0.3116

Sweetspot

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



87.3949, 0.3312, 0.3502



97.5858, 0.3188, 0.3361



76.1557, 0.3281, 0.3207



20.7916, 0.3200, 0.3375



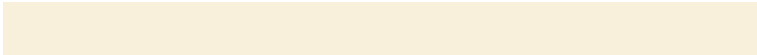
0.0000, 0.0000, 0.0000



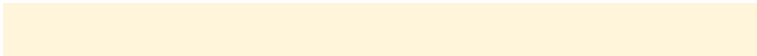
21.4041, 0.3127, 0.3290

Same Dimension

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



87.3949, 0.3312, 0.3502



91.8125, 0.3351, 0.3545



91.0621, 0.3261, 0.3583



19.3372, 0.3276, 0.3461



28.6343, 0.4780, 0.4587



2.8290, 0.4693, 0.4655

Inverse Universe

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



76.7351, 0.2943, 0.3069



78.4240, 0.2905, 0.3021



73.4702, 0.2984, 0.2987



17.4188, 0.2979, 0.3113



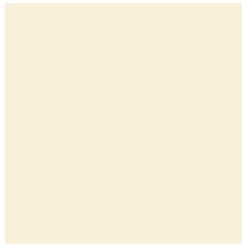
6.1021, 0.1594, 0.0938



0.7341, 0.1657, 0.1164

Previews

White Background



This preview shows how the Yxy color 87.3911, 0.3312, 0.3502 looks on a white background.

Color Contrast Check

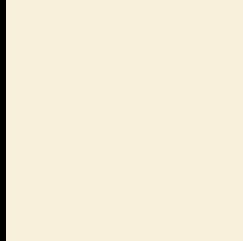
Large Text (above 18pt) WCAG AA × Fail

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 87.3911, 0.3312, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

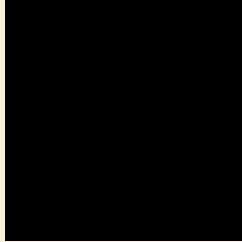
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

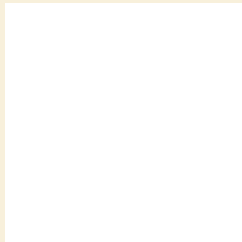
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.3911, 0.3312, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 87.3911, 0.3312, 0.3502.

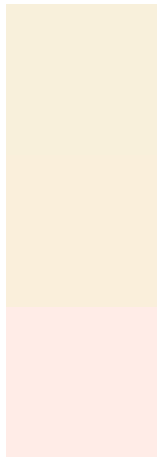


This preview shows how white text looks on a background with the Yxy color 87.3911, 0.3312, 0.3502.

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

87.3911, 0.3312, 0.3502

Protanopia

87.1715, 0.3327, 0.3491

Deuteranopia

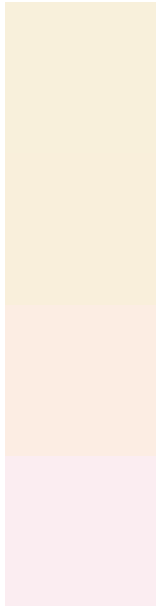
87.0204, 0.3287, 0.3340



Tritanopia

87.3912, 0.3135, 0.3116

Trichromacy



Original Color

87.3911, 0.3312, 0.3502

Protanomaly

86.9872, 0.3320, 0.3491

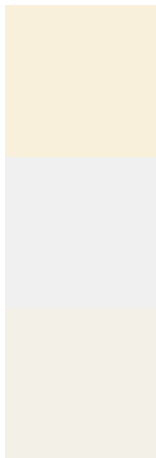
Deuteranomaly

86.8099, 0.3292, 0.3390

Tritanomaly

87.4285, 0.3196, 0.3251

Monochromacy



Original Color

87.3911, 0.3312, 0.3502

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.2011, 0.3196, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.3911, 0.3312, 0.3502 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(248, 240, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 240, 219) }
```

Border

The CSS property to change the border of an element to Yxy 87.3911, 0.3312, 0.3502 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, 219) }
```

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

```
.border{ border-color:rgb(248, 240, 219) }
```

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, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(248, 240,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 87.3911, 0.3312, 0.3502 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, 219) }
```

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

```
.background{ background-color: rgb(248,  
240, 219) }
```

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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