

Converting Colors

$Yxy(87.0033, 0.3301, 0.3374)$

Have a look what the booklet for
Yxy(87.0033, 0.3301, 0.3374)
contains.

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Color

Yxy(87.2406, 0.3299, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	FEED E4
RGB	254, 237, 228
RGB Percent	100%, 93%, 89%
CMY	0.0038, 0.0706, 0.1058
CMYK	0.00, 0.07, 0.10, 0.00
HSL	21°, 93%, 95%
HSV	21°, 10%, 100%
XYZ	85.1751, 87.2406, 85.7689
YIQ	241.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 242, 228
Decimal	16707044
CIE Lab	94.84, 4.29, 6.40
CIE LCh	95, 7.703, 56.127
Yxy	87.2406, 0.3299, 0.3379
Android (android.graphics.Color)	4294897124 (0xFFFEDE4)
YUV	241.0570, -6.4371, 11.3510
Hunter-Lab	93.4027, -0.6782, 10.9376

Details

The Yxy color **87.2406, 0.3299, 0.3379** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.0118, 0.2968, 0.3199**, and the grayscale version is **88.0616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9352, 0.3332, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **76.7359, 0.3497, 0.3472**, and if you desaturate by 10%, it is **98.8559, 0.3131, 0.3292**.

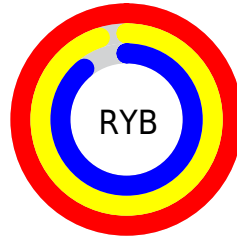
Distribution



Red (100%)

Green (93%)

Blue (89%)



Red (100%)

Yellow (95%)

Blue (89%)



Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.2406, 0.3299, 0.3379 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 87.2406, 0.3299, 0.3379 by changing the saturation by 10% instead.

 87.2406, 0.3299,
0.3379

 87.2406, 0.3299,
0.3379

519.0131, 0.3222,
0.3340

 65.6943, 0.3316,
0.3388

143.4994, 0.3273,
0.3366

 48.0243, 0.3337,
0.3398

178.9808, 0.3262,
0.3360

 33.8461, 0.3363,
0.3411

219.8760, 0.3253,
0.3356

 22.7754, 0.3397,
0.3427

266.5694, 0.3245,
0.3352

 14.4278, 0.3442,
0.3449

319.4454, 0.3238,
0.3348

 8.4188, 0.3504,
0.3478

378.8885, 0.3232,

 4.3641, 0.3598,

0.3345

0.3521

445.2829, 0.3227,
0.3342

■ 1.8792, 0.3752,
0.3588

■ 0.5358, 0.4774,
0.4166

■ 87.2406, 0.3299,
0.3379

■ 87.2406, 0.3299,
0.3379

■ 76.7359, 0.3497,
0.3472

■ 98.8559, 0.3131,
0.3292

■ 67.2971, 0.3730,
0.3567

■ 99.8188, 0.3121,
0.3290

■ 58.8929, 0.3999,
0.3662

■ 51.4864, 0.4306,
0.3750

■ 45.0382, 0.4643,
0.3820

■ 39.5060, 0.4997,
0.3860

■ 34.8439, 0.5342,
0.3859

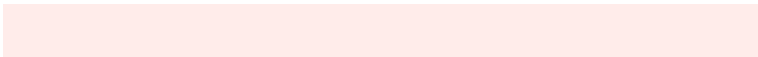
■ 31.0009, 0.5646,
0.3806

■ 27.9776, 0.5882,
0.3712

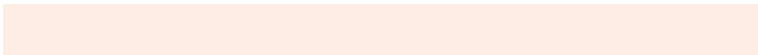
Harmonies

Analogous

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



87.2406, 0.3281, 0.3307



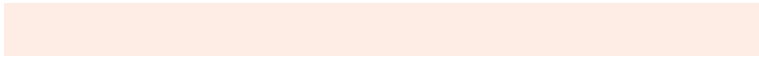
87.2406, 0.3299, 0.3379



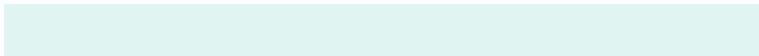
87.2406, 0.3270, 0.3429

Triad

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



87.2406, 0.3299, 0.3379



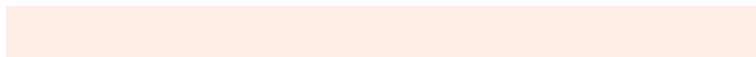
87.2406, 0.3033, 0.3350



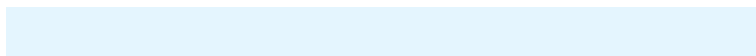
87.2406, 0.3051, 0.3142

Complementary

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



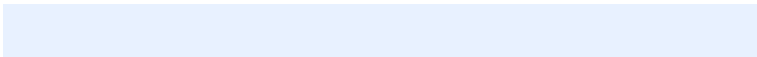
87.2406, 0.3299, 0.3379



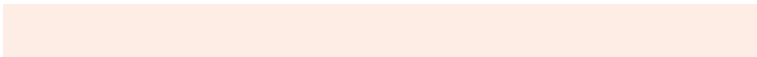
89.0118, 0.2968, 0.3199

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.



87.2406, 0.2986, 0.3152



87.2406, 0.3299, 0.3379



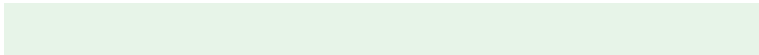
87.2406, 0.2975, 0.3271

Square

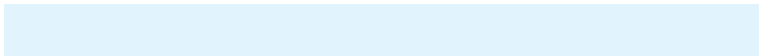
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2406, 0.3299, 0.3379



87.2406, 0.3116, 0.3413



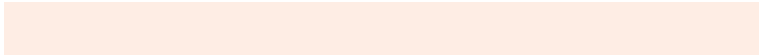
87.2406, 0.2958, 0.3198



87.2406, 0.3137, 0.3172

Rectangle

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



87.2406, 0.3299, 0.3379



87.2406, 0.3228, 0.3442



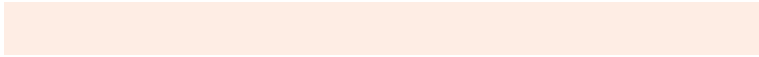
87.2406, 0.2958, 0.3198



87.2406, 0.3026, 0.3141

Sweetspot

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



87.2444, 0.3299, 0.3379



96.3590, 0.3175, 0.3315



83.1972, 0.3195, 0.3120



20.4202, 0.3188, 0.3322



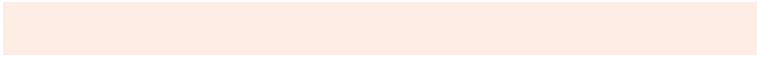
0.0000, 0.0000, 0.0000



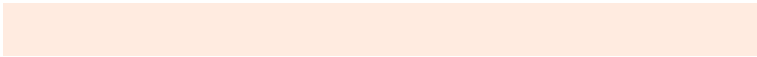
21.4041, 0.3127, 0.3290

Same Dimension

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



87.2444, 0.3299, 0.3379



86.0461, 0.3332, 0.3395



94.8711, 0.3285, 0.3502



19.0100, 0.3286, 0.3372



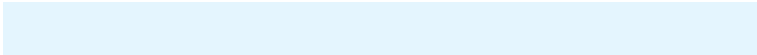
14.9910, 0.5853, 0.3735



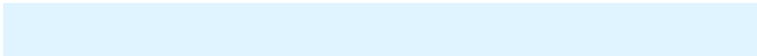
1.6539, 0.5634, 0.3908

Inverse Universe

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



89.0118, 0.2968, 0.3199



88.1096, 0.2940, 0.3183



81.5762, 0.2967, 0.3069



19.3661, 0.2980, 0.3206



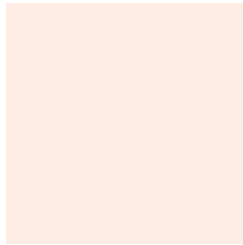
18.5343, 0.1922, 0.2119



2.0084, 0.1963, 0.2268

Previews

White Background



This preview shows how the Yxy color 87.2406, 0.3299, 0.3379 looks on a white background.

Color Contrast Check

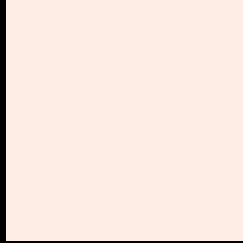
Large Text (above 18pt) WCAG AA × Fail

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 87.2406, 0.3299, 0.3379 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 87.2406, 0.3299, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 87.2406, 0.3299, 0.3379.

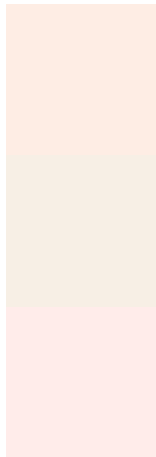


This preview shows how white text looks on a background with the Yxy color 87.2406, 0.3299, 0.3379.

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

87.2406, 0.3299, 0.3379

Protanopia

87.1643, 0.3243, 0.3390

Deuteranopia

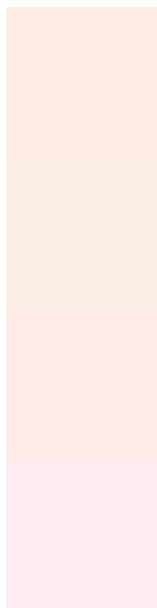
87.1914, 0.3268, 0.3310



Tritanopia

87.0078, 0.3168, 0.3135

Trichromacy



Original Color

87.2406, 0.3299, 0.3379

Protanomaly

87.1302, 0.3264, 0.3380

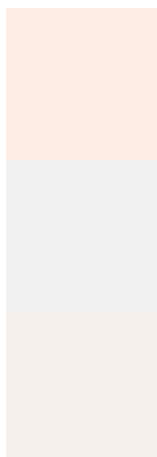
Deuteranomaly

87.0771, 0.3281, 0.3330

Tritanomaly

87.0875, 0.3218, 0.3222

Monochromacy



Original Color

87.2406, 0.3299, 0.3379

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9691, 0.3191, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2406, 0.3299, 0.3379 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, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 228)  
}
```

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, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 228) }
```

Border

The CSS property to change the border of an element to Yxy 87.2406, 0.3299, 0.3379 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, 237, 228) }
```

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

```
.border{ border-color:rgb(254, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2406, 0.3299, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 228) }
```

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

```
.background{ background-color: rgb(254,  
237, 228) }
```

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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