

Converting Colors

$Yxy(87.4193, 0.3381, 0.3624)$

Have a look what the booklet for
Yxy(87.4193, 0.3381, 0.3624)
contains.

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Color

Yxy(87.4211, 0.3381, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	F8F1D0
RGB	248, 241, 208
RGB Percent	97%, 95%, 82%
CMY	0.0273, 0.0549, 0.1843
CMYK	0.00, 0.03, 0.16, 0.03
HSL	49°, 74%, 89%
HSV	49°, 16%, 97%
XYZ	81.5593, 87.4211, 72.2478
YIQ	239.3310, 14.7650, -8.7790

Conversions

Conversions Part 2

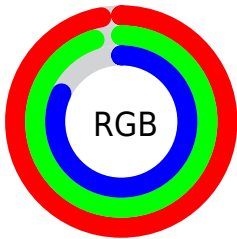
Format	Color
R_{YB}	216, 248, 208
Decimal	16314832
CIE _{Lab}	94.92, -2.96, 16.79
CIE _{LCh}	95, 17.052, 99.984
Yxy	87.4211, 0.3381, 0.3624
Android (android.graphics.Color)	4294504912 (0xFFFF8F1D0)
YUV	239.3310, -15.4462, 7.6027
Hunter-Lab	93.4993, -7.9184, 19.6355

Details

The Yxy color **87.4211, 0.3381, 0.3624** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.8059, 0.2867, 0.2932**, and the grayscale version is **86.7070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.1074, 0.3429, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **83.7491, 0.3550, 0.3838**, and if you desaturate by 10%, it is **91.3535, 0.3220, 0.3414**.

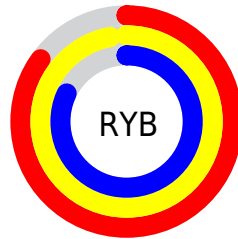
Distribution



Red (97%)

Green (95%)

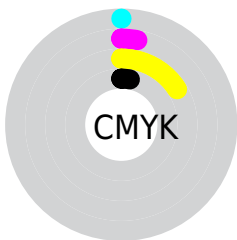
Blue (82%)



Red (85%)

Yellow (97%)

Blue (82%)

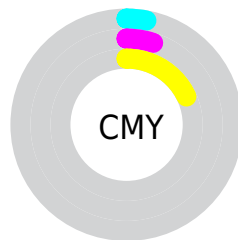


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (3%)



Cyan (3%)


Magenta (5%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.4211, 0.3381, 0.3624 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 87.4211, 0.3381, 0.3624 by changing the saturation by 10% instead.

 87.4211, 0.3381,
0.3624

 87.4211, 0.3381,
0.3624

519.6056, 0.3268,
0.3474

 65.8437, 0.3406,
0.3657


143.7509, 0.3343,
0.3573

 48.1456, 0.3436,
0.3698


179.2722, 0.3327,
0.3552

 33.9422, 0.3473,
0.3749

220.2102, 0.3314,
0.3535

 22.8492, 0.3521,
0.3814


266.9494, 0.3303,
0.3520

 14.4822, 0.3583,
0.3900

319.8742, 0.3292,
0.3506

 8.4568, 0.3667,
0.4019

379.3688, 0.3283,

 4.3886, 0.3788,

0.3494

0.4193

445.8178, 0.3275,
0.3483

■ 1.8932, 0.4006,
0.4508

■ 0.5443, 0.4499,
0.5501

■ 87.4211, 0.3381,
0.3624

■ 87.4211, 0.3381,
0.3624

■ 83.7491, 0.3550,
0.3838

■ 91.3535, 0.3220,
0.3414

■ 80.3165, 0.3725,
0.4050

■ 95.3744, 0.3086,
0.3239

■ 77.1173, 0.3899,
0.4251

■ 98.1098, 0.3085,
0.3281

■ 74.1407, 0.4066,
0.4432

■ 98.7020, 0.3084,
0.3290

■ 71.3746, 0.4218,
0.4582

■ 68.8055, 0.4349,
0.4691

■ 66.4178, 0.4452,
0.4755

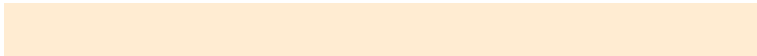
■ 64.1920, 0.4525,
0.4772

■ 63.3647, 0.4549,
0.4770

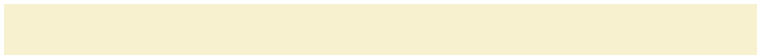
Harmonies

Analogous

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



87.4211, 0.3492, 0.3542



87.4211, 0.3381, 0.3624



87.4211, 0.3204, 0.3614

Triad

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



87.4211, 0.3381, 0.3624



87.4211, 0.2767, 0.3163



87.4211, 0.3238, 0.3086

Complementary

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



87.4211, 0.3381, 0.3624



68.8059, 0.2867, 0.2932

Split Complementary

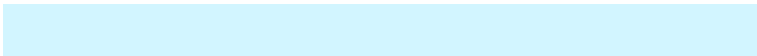
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4211, 0.3041, 0.2990



87.4211, 0.3381, 0.3624



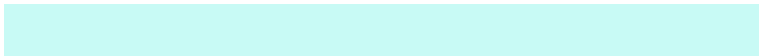
87.4211, 0.2774, 0.3028

Square

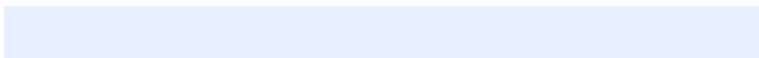
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.4211, 0.3381, 0.3624



87.4211, 0.2852, 0.3340



87.4211, 0.2873, 0.2968



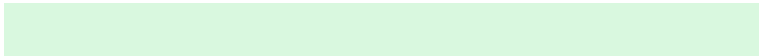
87.4211, 0.3408, 0.3233

Rectangle

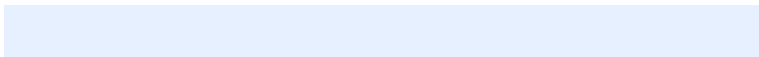
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.4211, 0.3381, 0.3624



87.4211, 0.3074, 0.3553



87.4211, 0.2873, 0.2968



87.4211, 0.3172, 0.3047

Sweetspot

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



87.4250, 0.3381, 0.3624



97.7850, 0.3203, 0.3391



69.9968, 0.3380, 0.3215



20.8646, 0.3214, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

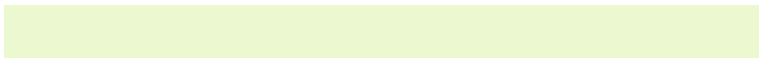
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4250, 0.3381, 0.3624



91.9520, 0.3429, 0.3686



89.4297, 0.3285, 0.3703



19.6414, 0.3273, 0.3484



34.4063, 0.4542, 0.4776



3.3182, 0.4493, 0.4814

Inverse Universe

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



68.8059, 0.2867, 0.2932



69.0530, 0.2816, 0.2861



67.2116, 0.2951, 0.2865



17.1359, 0.2979, 0.3088



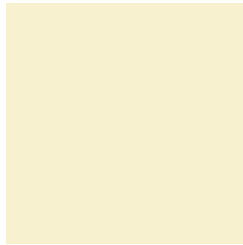
4.7572, 0.1544, 0.0757



0.5728, 0.1597, 0.0948

Previews

White Background



This preview shows how the Yxy color 87.4211, 0.3381, 0.3624 looks on a white background.

Color Contrast Check

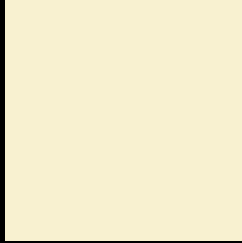
Large Text (above 18pt) WCAG AA × Fail

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 87.4211, 0.3381, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

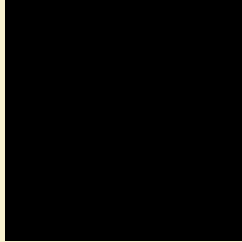
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.4211, 0.3381, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 87.4211, 0.3381, 0.3624.



This preview shows how white text looks on a background with the Yxy color 87.4211, 0.3381, 0.3624.

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

87.4211, 0.3381, 0.3624

Protanopia

87.5206, 0.3417, 0.3622

Deuteranopia

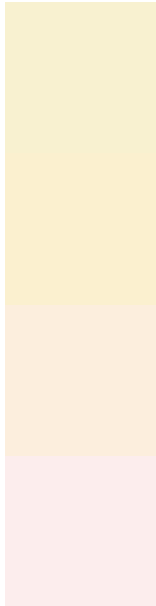
87.4855, 0.3299, 0.3369



Tritanopia

87.5793, 0.3142, 0.3116

Trichromacy



Original Color

87.4211, 0.3381, 0.3624

Protanomaly

87.3344, 0.3410, 0.3622

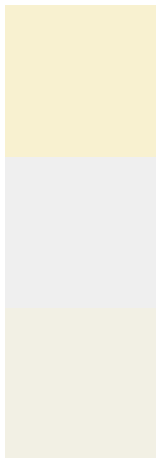
Deuteranomaly

87.0650, 0.3329, 0.3460

Tritanomaly

87.3782, 0.3228, 0.3290

Monochromacy



Original Color

87.4211, 0.3381, 0.3624

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.7989, 0.3214, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.4211, 0.3381, 0.3624 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, 241, 208)` looks like.

```
.text, #text, p{  
    color:rgb(248, 241, 208)  
}
```

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, 241, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 241, 208) }
```

Border

The CSS property to change the border of an element to Yxy 87.4211, 0.3381, 0.3624 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, 241, 208) }
```

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

```
.border{ border-color:rgb(248, 241, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 241, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 241, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 241, 208);  
box-shadow:4px 4px 4px 4px rgb(248, 241,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 87.4211, 0.3381, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 241, 208) }
```

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

```
.background{ background-color: rgb(248,  
241, 208) }
```

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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