

Converting Colors

$Yxy(87.7188, 0.3391, 0.3581)$

Have a look what the booklet for
Yxy(87.7188, 0.3391, 0.3581)
contains.

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Color

Yxy(87.7188, 0.3391, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	FCF0D3
RGB	252, 240, 211
RGB Percent	99%, 94%, 83%
CMY	0.0117, 0.0588, 0.1726
CMYK	0.00, 0.05, 0.16, 0.01
HSL	42°, 87%, 91%
HSV	42°, 16%, 99%
XYZ	83.0646, 87.7188, 74.1727
YIQ	240.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

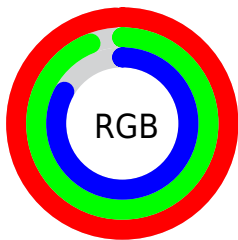
Format	Color
RYB	228, 252, 211
Decimal	16576723
CIELab	95.04, -0.59, 15.47
CIELCh	95, 15.486, 92.194
Yxy	87.7188, 0.3391, 0.3581
Android (android.graphics.Color)	4294766803 (0xFFFCF0D3)
YUV	240.2820, -14.4360, 10.2767
Hunter-Lab	93.6583, -5.5922, 18.6061

Details

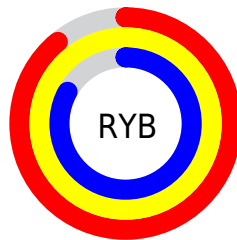
The Yxy color **87.7188, 0.3391, 0.3581** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.6501, 0.2867, 0.2981**, and the grayscale version is **87.4785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.2834, 0.3450, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **82.3006, 0.3572, 0.3768**, and if you desaturate by 10%, it is **93.5196, 0.3224, 0.3400**.

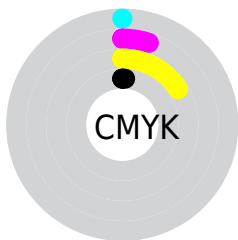
Distribution



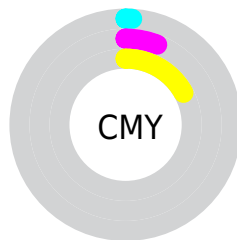
- Red (99%)
- Green (94%)
- Blue (83%)



- Red (89%)
- Yellow (99%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (1%)




- Cyan (1%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.7188, 0.3391, 0.3581 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 87.7188, 0.3391, 0.3581 by changing the saturation by 10% instead.

 87.7188, 0.3391,
0.3581

 87.7188, 0.3391,
0.3581


520.5819, 0.3273,
0.3451

 66.0902, 0.3417,
0.3610


144.1656, 0.3351,
0.3537

 48.3456, 0.3449,
0.3645


179.7526, 0.3335,
0.3519

 34.1007, 0.3488,
0.3688


220.7612, 0.3321,
0.3504

 22.9710, 0.3538,
0.3744

267.5758, 0.3309,
0.3491

 14.5721, 0.3604,
0.3817

320.5808, 0.3299,
0.3479

 8.5196, 0.3694,
0.3918

380.1605, 0.3289,

 4.4292, 0.3825,

0.3468

0.4065

446.6994, 0.3281,
0.3459

■ 1.9164, 0.4043,
0.4311

■ 0.5582, 0.4804,
0.5196

■ 87.7188, 0.3391,
0.3581

■ 87.7188, 0.3391,
0.3581

■ 82.3006, 0.3572,
0.3768

■ 93.5196, 0.3224,
0.3400

■ 77.2419, 0.3765,
0.3954

■ 99.2833, 0.3109,
0.3288

■ 72.5347, 0.3965,
0.4133

■ 99.4378, 0.3109,
0.3290

■ 68.1659, 0.4166,
0.4293

■ 64.1213, 0.4359,
0.4424

■ 60.3851, 0.4535,
0.4515

■ 56.9391, 0.4684,
0.4558

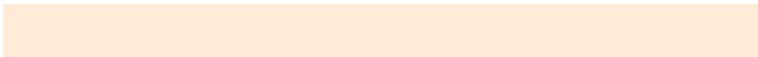
■ 53.7610, 0.4801,
0.4551

■ 52.6350, 0.4840,
0.4539

Harmonies

Analogous

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



87.7188, 0.3469, 0.3490



87.7188, 0.3391, 0.3581



87.7188, 0.3242, 0.3594

Triad

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



87.7188, 0.3391, 0.3581



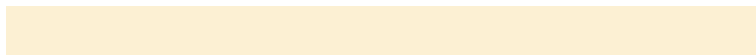
87.7188, 0.2812, 0.3215



87.7188, 0.3182, 0.3076

Complementary

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



87.7188, 0.3391, 0.3581



73.6501, 0.2867, 0.2981

Split Complementary

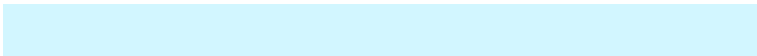
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7188, 0.3006, 0.3004



87.7188, 0.3391, 0.3581



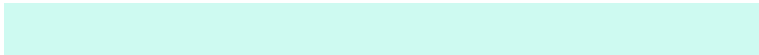
87.7188, 0.2796, 0.3079

Square

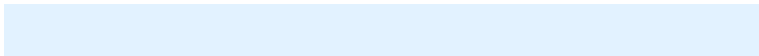
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7188, 0.3391, 0.3581



87.7188, 0.2909, 0.3378



87.7188, 0.2866, 0.3004



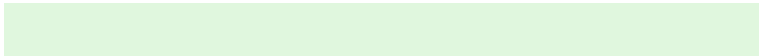
87.7188, 0.3347, 0.3201

Rectangle

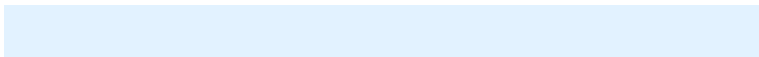
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7188, 0.3391, 0.3581



87.7188, 0.3125, 0.3553



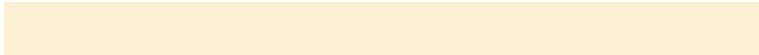
87.7188, 0.2866, 0.3004



87.7188, 0.3122, 0.3045

Sweetspot

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



87.7227, 0.3391, 0.3581



96.8476, 0.3204, 0.3377



72.6243, 0.3348, 0.3166



20.6363, 0.3215, 0.3389



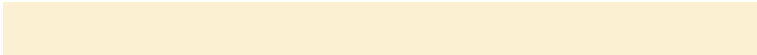
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



87.7227, 0.3391, 0.3581



87.9817, 0.3457, 0.3650



93.5298, 0.3318, 0.3703



19.2822, 0.3276, 0.3457



27.6826, 0.4826, 0.4550



2.7470, 0.4732, 0.4624

Inverse Universe

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



73.6501, 0.2867, 0.2981



70.6833, 0.2802, 0.2902



68.7020, 0.2916, 0.2857



17.4708, 0.2979, 0.3117



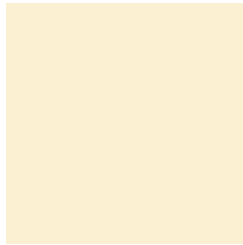
6.4161, 0.1605, 0.0978



0.7689, 0.1669, 0.1208

Previews

White Background



This preview shows how the Yxy color 87.7188, 0.3391, 0.3581 looks on a white background.

Color Contrast Check

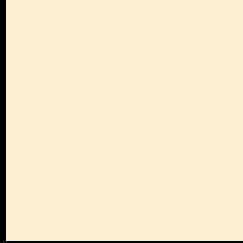
Large Text (above 18pt) WCAG AA × Fail

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 87.7188, 0.3391, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

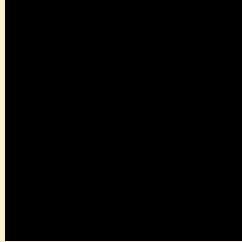
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.7188, 0.3391, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 87.7188, 0.3391, 0.3581.



This preview shows how white text looks on a background with the Yxy color 87.7188, 0.3391, 0.3581.

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

87.7188, 0.3391, 0.3581

Protanopia

87.7188, 0.3391, 0.3581

Deuteranopia

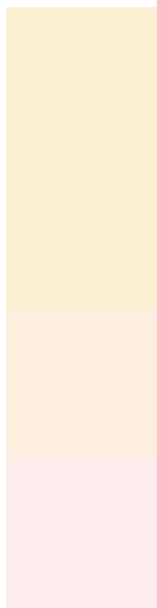
87.5415, 0.3293, 0.3359



Tritanopia

87.6417, 0.3161, 0.3135

Trichromacy



Original Color

87.7188, 0.3391, 0.3581

Protanomaly

87.7188, 0.3391, 0.3581

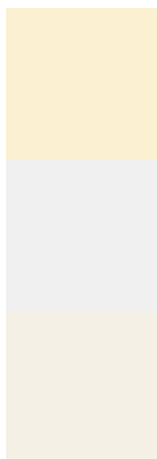
Deuteranomaly

87.5476, 0.3330, 0.3439

Tritanomaly

87.6953, 0.3248, 0.3300

Monochromacy



Original Color

87.7188, 0.3391, 0.3581

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.2104, 0.3222, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.7188, 0.3391, 0.3581 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(252, 240, 211)` looks like.

```
.text, #text, p{  
    color:rgb(252, 240, 211)  
}
```

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(252, 240, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 240, 211) }
```

Border

The CSS property to change the border of an element to Yxy 87.7188, 0.3391, 0.3581 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(252, 240, 211) }
```

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

```
.border{ border-color:rgb(252, 240, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 240, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 240, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 240, 211);  
box-shadow:4px 4px 4px 4px rgb(252, 240,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 87.7188, 0.3391, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 240, 211) }
```

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

```
.background{ background-color: rgb(252,  
240, 211) }
```

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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