

Converting Colors

$Y_{xy}(88.8941, 0.3372, 0.3622)$

Have a look what the booklet for
Yxy(88.8941, 0.3372, 0.3622)
contains.

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Color

Yxy(88.8941, 0.3372, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3D2
RGB	249, 243, 210
RGB Percent	98%, 95%, 82%
CMY	0.0234, 0.0471, 0.1764
CMYK	0.00, 0.02, 0.16, 0.02
HSL	51°, 77%, 90%
HSV	51°, 16%, 98%
XYZ	82.7584, 88.8941, 73.7757
YIQ	241.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

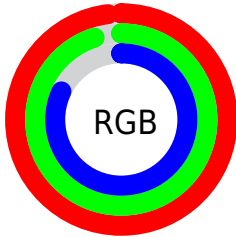
Format	Color
R_{YB}	217, 249, 210
Decimal	16380882
CIE _{Lab}	95.54, -3.31, 16.64
CIE _{LCh}	96, 16.966, 101.248
Yxy	88.8941, 0.3372, 0.3622
Android (android.graphics.Color)	4294570962 (0xFFFF9F3D2)
YUV	241.0320, -15.2988, 6.9879
Hunter-Lab	94.2837, -8.3163, 19.6049

Details

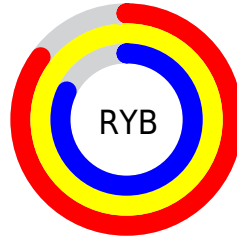
The Yxy color **88.8941, 0.3372, 0.3622** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.6779, 0.2875, 0.2935**, and the grayscale version is **88.1096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1137, 0.3425, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **85.4721, 0.3539, 0.3841**, and if you desaturate by 10%, it is **92.5654, 0.3213, 0.3408**.

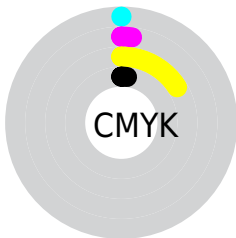
Distribution



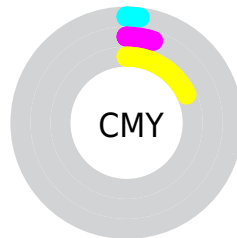
- Red (98%)
- Green (95%)
- Blue (82%)



- Red (85%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8941, 0.3372, 0.3622 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 88.8941, 0.3372, 0.3622 by changing the saturation by 10% instead.


 88.8941, 0.3372,
0.3622

 88.8941, 0.3372,
0.3622

524.4268, 0.3263,
0.3473

 67.0638, 0.3396,
0.3655


145.8013, 0.3335,
0.3571

 49.1365, 0.3425,
0.3695


181.6470, 0.3321,
0.3551

 34.7277, 0.3460,
0.3745


222.9332, 0.3308,
0.3534

 23.4532, 0.3505,
0.3809

270.0444, 0.3297,
0.3519

 14.9285, 0.3564,
0.3894

323.3650, 0.3287,
0.3505

 8.7692, 0.3644,
0.4011

383.2793, 0.3278,

 4.5910, 0.3758,

0.3493

0.4182

450.1718, 0.3270,
0.3483

■ 2.0093, 0.3948,
0.4473

■ 0.6129, 0.4501,
0.5499

■ 88.8941, 0.3372,
0.3622

■ 88.8941, 0.3372,
0.3622

■ 85.4721, 0.3539,
0.3841

■ 92.5654, 0.3213,
0.3408

■ 82.2784, 0.3710,
0.4058

■ 96.1687, 0.3092,
0.3248

■ 79.3070, 0.3880,
0.4263

■ 98.5941, 0.3090,
0.3286

■ 76.5473, 0.4042,
0.4449

■ 98.8848, 0.3090,
0.3290

■ 73.9872, 0.4188,
0.4603

■ 71.6134, 0.4313,
0.4717

■ 69.4103, 0.4410,
0.4786

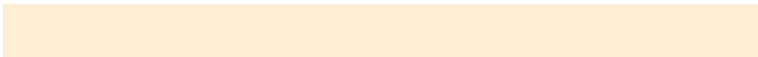
■ 67.3586, 0.4478,
0.4808

■ 66.5044, 0.4501,
0.4808

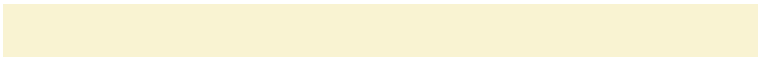
Harmonies

Analogous

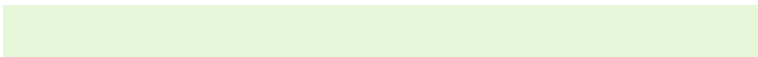
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8941, 0.3485, 0.3544



88.8941, 0.3372, 0.3622



88.8941, 0.3195, 0.3608

Triad

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



88.8941, 0.3372, 0.3622



88.8941, 0.2769, 0.3158



88.8941, 0.3244, 0.3093

Complementary

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



88.8941, 0.3372, 0.3622



69.6779, 0.2875, 0.2935

Split Complementary

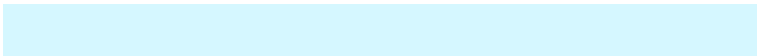
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8941, 0.3050, 0.2995



88.8941, 0.3372, 0.3622



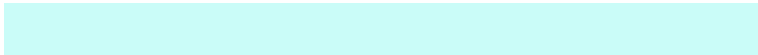
88.8941, 0.2780, 0.3027

Square

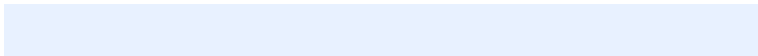
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8941, 0.3372, 0.3622



88.8941, 0.2849, 0.3332



88.8941, 0.2882, 0.2970



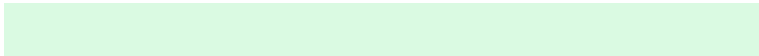
88.8941, 0.3411, 0.3240

Rectangle

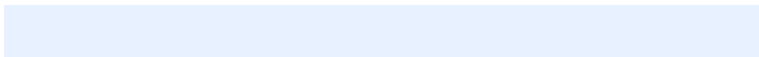
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8941, 0.3372, 0.3622



88.8941, 0.3066, 0.3545



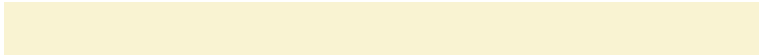
88.8941, 0.2882, 0.2970



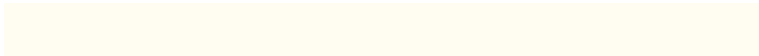
88.8941, 0.3180, 0.3054

Sweetspot

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



88.8980, 0.3372, 0.3622



97.9550, 0.3203, 0.3394



71.2283, 0.3376, 0.3224



20.9060, 0.3214, 0.3409



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

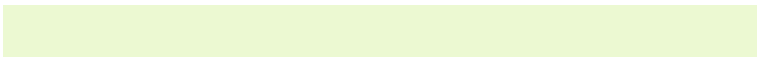
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8980, 0.3372, 0.3622



92.5780, 0.3427, 0.3695



90.2587, 0.3276, 0.3691



19.7068, 0.3273, 0.3489



35.7613, 0.4495, 0.4813



3.4314, 0.4453, 0.4846

Inverse Universe

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



69.6779, 0.2875, 0.2935



68.5332, 0.2815, 0.2849



68.6310, 0.2961, 0.2879



17.0760, 0.2979, 0.3083



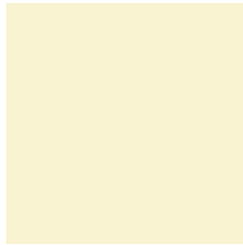
4.5479, 0.1536, 0.0728



0.5444, 0.1586, 0.0908

Previews

White Background



This preview shows how the Yxy color 88.8941, 0.3372, 0.3622 looks on a white background.

Color Contrast Check

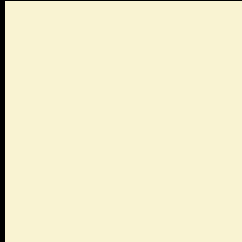
Large Text (above 18pt) WCAG AA × Fail

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 88.8941, 0.3372, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

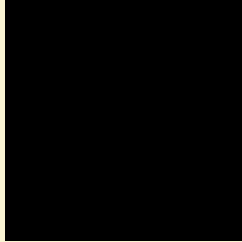
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.8941, 0.3372, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 88.8941, 0.3372, 0.3622.

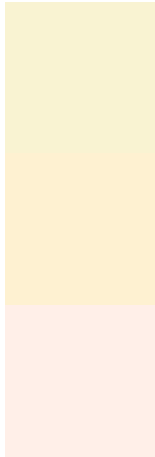


This preview shows how white text looks on a background with the Yxy color 88.8941, 0.3372, 0.3622.

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

88.8941, 0.3372, 0.3622

Protanopia

88.5849, 0.3416, 0.3609

Deuteranopia

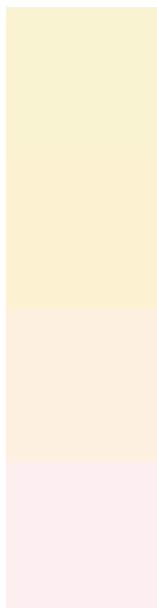
88.8192, 0.3278, 0.3359



Tritanopia

89.0484, 0.3135, 0.3117

Trichromacy



Original Color

88.8941, 0.3372, 0.3622

Protanomaly

88.8032, 0.3400, 0.3621

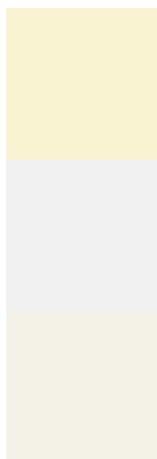
Deuteranomaly

88.5846, 0.3314, 0.3449

Tritanomaly

88.8476, 0.3220, 0.3290

Monochromacy



Original Color

88.8941, 0.3372, 0.3622

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.4505, 0.3214, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8941, 0.3372, 0.3622 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(249, 243, 210)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 210)  
}
```

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(249, 243, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 210) }
```

Border

The CSS property to change the border of an element to Yxy 88.8941, 0.3372, 0.3622 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(249, 243, 210) }
```

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

```
.border{ border-color:rgb(249, 243, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 243, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8941, 0.3372, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 210) }
```

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

```
.background{ background-color: rgb(249,  
243, 210) }
```

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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