

Converting Colors

$Y_{xy}(86.2710, 0.3369, 0.3562)$

Have a look what the booklet for
Yxy(86.2710, 0.3369, 0.3562)
contains.

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Color

Yxy(86.0423, 0.3367, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	F9EED4
RGB	249, 238, 212
RGB Percent	98%, 93%, 83%
CMY	0.0233, 0.0667, 0.1687
CMYK	0.00, 0.04, 0.15, 0.02
HSL	42°, 76%, 90%
HSV	42°, 15%, 98%
XYZ	81.5380, 86.0423, 74.5878
YIQ	238.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

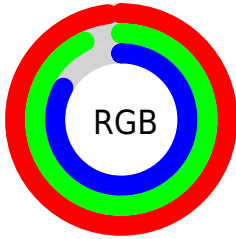
Format	Color
R _{YB}	228, 249, 212
Decimal	16379604
CIE Lab	94.33, -0.47, 13.92
CIE LCh	94, 13.927, 91.937
Yxy	86.0423, 0.3367, 0.3553
Android (android.graphics.Color)	4294569684 (0xFFF9EED4)
YUV	238.3250, -12.9782, 9.3620
Hunter-Lab	92.7590, -5.4213, 17.2560

Details

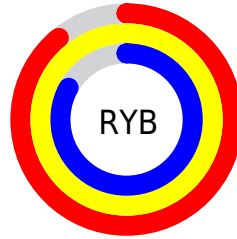
The Yxy color **86.0423, 0.3367, 0.3553** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.6410, 0.2890, 0.3012**, and the grayscale version is **85.8656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0967, 0.3419, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **80.6449, 0.3546, 0.3738**, and if you desaturate by 10%, it is **91.8200, 0.3202, 0.3374**.

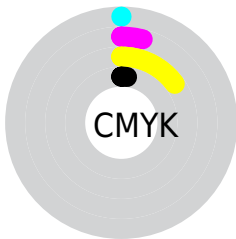
Distribution



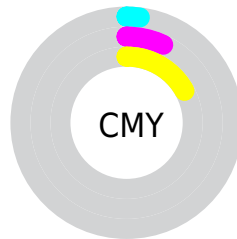
- Red (98%)
- Green (93%)
- Blue (83%)



- Red (89%)
- Yellow (98%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0423, 0.3367, 0.3553 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 86.0423, 0.3367, 0.3553 by changing the saturation by 10% instead.


 86.0423, 0.3367,
0.3553

 86.0423, 0.3367,
0.3553


515.0707, 0.3259,
0.3435

 64.7030, 0.3391,
0.3579

141.8285, 0.3330,
0.3513

 47.2203, 0.3420,
0.3611


177.0442, 0.3316,
0.3497

 33.2098, 0.3456,
0.3651


217.6541, 0.3303,
0.3483

 22.2872, 0.3502,
0.3702

264.0426, 0.3292,
0.3471

 14.0681, 0.3563,
0.3769

316.5941, 0.3283,
0.3460

 8.1680, 0.3648,
0.3863

375.6930, 0.3274,

 4.2027, 0.3771,

0.3451

0.4000

441.7237, 0.3266,
0.3442

■ 1.7876, 0.3980,
0.4233

■ 0.4794, 0.4809,
0.5191

■ 86.0423, 0.3367,
0.3553

■ 86.0423, 0.3367,
0.3553

■ 80.6449, 0.3546,
0.3738

■ 91.8200, 0.3202,
0.3374

■ 75.6053, 0.3738,
0.3923

■ 97.5313, 0.3091,
0.3269

■ 70.9156, 0.3939,
0.4102

■ 98.8899, 0.3091,
0.3290

■ 66.5633, 0.4142,
0.4264

■ 62.5346, 0.4339,
0.4399

■ 58.8142, 0.4520,
0.4496

■ 55.3846, 0.4676,
0.4545

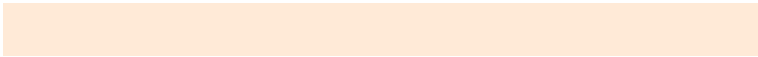
■ 52.2250, 0.4800,
0.4543

■ 50.6982, 0.4855,
0.4527

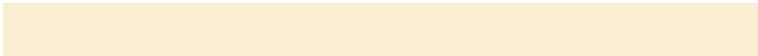
Harmonies

Analogous

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



86.0423, 0.3437, 0.3470



86.0423, 0.3367, 0.3553



86.0423, 0.3233, 0.3565

Triad

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



86.0423, 0.3367, 0.3553



86.0423, 0.2842, 0.3224



86.0423, 0.3175, 0.3095

Complementary

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



86.0423, 0.3367, 0.3553



73.6410, 0.2890, 0.3012

Split Complementary

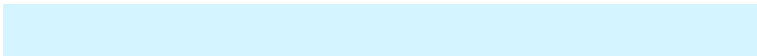
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0423, 0.3016, 0.3030



86.0423, 0.3367, 0.3553



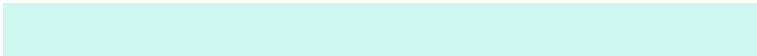
86.0423, 0.2827, 0.3100

Square

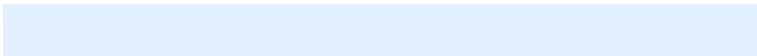
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0423, 0.3367, 0.3553



86.0423, 0.2931, 0.3371



86.0423, 0.2890, 0.3031



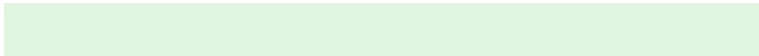
86.0423, 0.3325, 0.3208

Rectangle

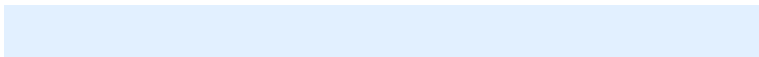
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0423, 0.3367, 0.3553



86.0423, 0.3127, 0.3528



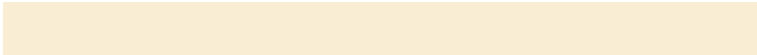
86.0423, 0.2890, 0.3031



86.0423, 0.3121, 0.3067

Sweetspot

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



86.0461, 0.3367, 0.3553



97.4331, 0.3188, 0.3359



72.5638, 0.3326, 0.3177



20.7529, 0.3200, 0.3372



0.0000, 0.0000, 0.0000



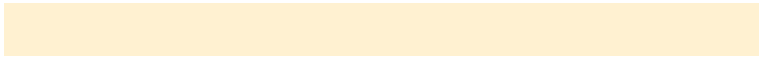
21.4041, 0.3127, 0.3290

Same Dimension

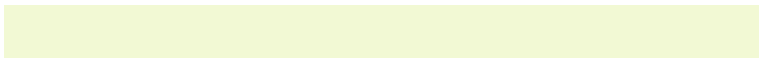
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0461, 0.3367, 0.3553



88.9562, 0.3422, 0.3611



91.3521, 0.3301, 0.3666



19.2646, 0.3276, 0.3456



27.3845, 0.4841, 0.4538



2.7213, 0.4745, 0.4614

Inverse Universe

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



73.6410, 0.2890, 0.3012



73.4590, 0.2837, 0.2947



69.0457, 0.2936, 0.2897



17.4875, 0.2979, 0.3119



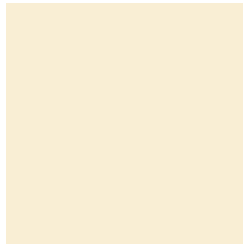
6.5212, 0.1609, 0.0991



0.7804, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 86.0423, 0.3367, 0.3553 looks on a white background.

Color Contrast Check

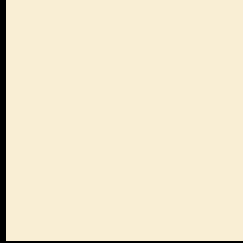
Large Text (above 18pt) WCAG AA × Fail

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 86.0423, 0.3367, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

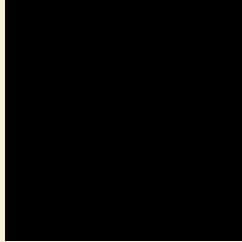
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.0423, 0.3367, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 86.0423, 0.3367, 0.3553.

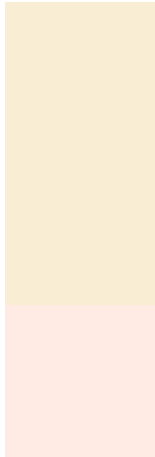


This preview shows how white text looks on a background with the Yxy color 86.0423, 0.3367, 0.3553.

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

86.0423, 0.3367, 0.3553

Protanopia

86.0423, 0.3367, 0.3553

Deuteranopia

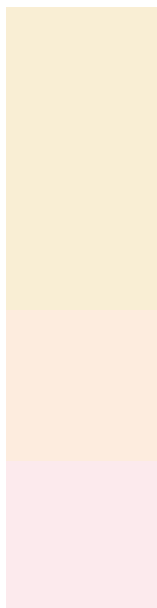
86.2227, 0.3315, 0.3370



Tritanopia

85.7491, 0.3156, 0.3106

Trichromacy



Original Color

86.0423, 0.3367, 0.3553

Protanomaly

86.0423, 0.3367, 0.3553

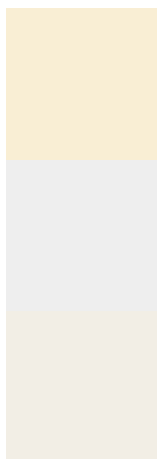
Deuteranomaly

86.1475, 0.3332, 0.3430

Tritanomaly

85.6555, 0.3230, 0.3261

Monochromacy



Original Color

86.0423, 0.3367, 0.3553

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.6835, 0.3210, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0423, 0.3367, 0.3553 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, 238, 212)` looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 212)  
}
```

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, 238, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 212) }
```

Border

The CSS property to change the border of an element to Yxy 86.0423, 0.3367, 0.3553 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, 238, 212) }
```

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

```
.border{ border-color:rgb(249, 238, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 212);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0423, 0.3367, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 212) }
```

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

```
.background{ background-color: rgb(249,  
238, 212) }
```

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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