

Converting Colors

$Yxy(86.1921, 0.3336, 0.3471)$

Have a look what the booklet for
Yxy(86.1921, 0.3336, 0.3471)
contains.

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Color

Yxy(86.1921, 0.3336, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	FBEDDB
RGB	251, 237, 219
RGB Percent	98%, 93%, 86%
CMY	0.0159, 0.0705, 0.1412
CMYK	0.00, 0.06, 0.13, 0.02
HSL	34°, 80%, 92%
HSV	34°, 13%, 98%
XYZ	82.8398, 86.1921, 79.2888
YIQ	239.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

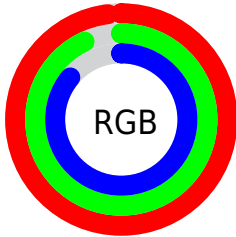
Format	Color
R_{YB}	244, 251, 219
Decimal	16510427
CIE Lab	94.39, 1.77, 10.40
CIE LCh	94, 10.550, 80.351
Yxy	86.1921, 0.3336, 0.3471
Android (android.graphics.Color)	4294700507 (0xFFFBEDDB)
YUV	239.1340, -9.9261, 10.4065
Hunter-Lab	92.8397, -3.1960, 14.3518

Details

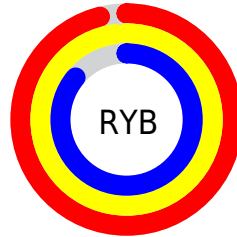
The Yxy color **86.1921, 0.3336, 0.3471** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.2583, 0.2927, 0.3102**, and the grayscale version is **86.4945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1974, 0.3381, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **78.8293, 0.3524, 0.3621**, and if you desaturate by 10%, it is **94.1481, 0.3169, 0.3328**.

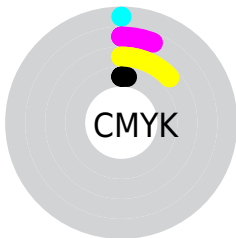
Distribution



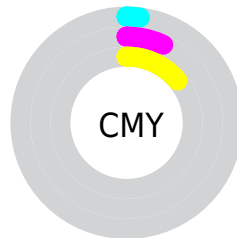
- Red (98%)
- Green (93%)
- Blue (86%)



- Red (96%)
- Yellow (98%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1921, 0.3336, 0.3471 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 86.1921, 0.3336, 0.3471 by changing the saturation by 10% instead.

 86.1921, 0.3336,
0.3471

 86.1921, 0.3336,
0.3471


515.5644, 0.3242,
0.3390

 64.8268, 0.3357,
0.3489

142.0375, 0.3304,
0.3443

 47.3207, 0.3382,
0.3511


177.2865, 0.3291,
0.3433

 33.2892, 0.3414,
0.3538


217.9321, 0.3280,
0.3423

 22.3481, 0.3455,
0.3572

264.3588, 0.3271,
0.3415

 14.1129, 0.3509,
0.3618

316.9510, 0.3262,
0.3408

 8.1992, 0.3585,
0.3681

376.0931, 0.3255,

 4.2227, 0.3697,

0.3401

0.3774

442.1694, 0.3248,
0.3395

■ 1.7989, 0.3880,
0.3921

■ 0.4865, 0.5096,
0.4904

■ 86.1921, 0.3336,
0.3471

■ 86.1921, 0.3336,
0.3471

■ 78.8293, 0.3524,
0.3621

■ 94.1481, 0.3169,
0.3328

■ 72.0327, 0.3733,
0.3774

■ 99.2395, 0.3102,
0.3290

■ 65.7895, 0.3961,
0.3924

■ 60.0820, 0.4205,
0.4061

■ 54.8913, 0.4455,
0.4176

■ 50.1971, 0.4701,
0.4255

■ 45.9764, 0.4929,
0.4287

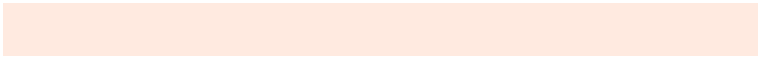
■ 42.2030, 0.5124,
0.4264

■ 39.7164, 0.5244,
0.4218

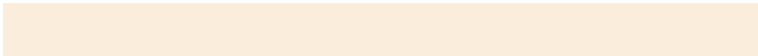
Harmonies

Analogous

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



86.1921, 0.3364, 0.3394



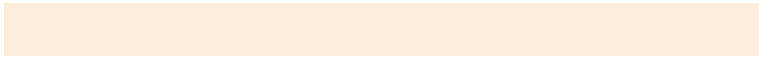
86.1921, 0.3336, 0.3471



86.1921, 0.3251, 0.3501

Triad

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



86.1921, 0.3336, 0.3471



86.1921, 0.2930, 0.3284



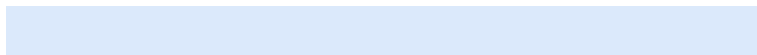
86.1921, 0.3117, 0.3117

Complementary

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



86.1921, 0.3336, 0.3471



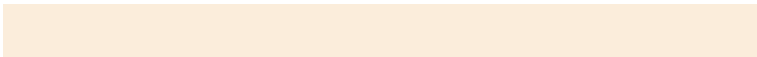
80.2583, 0.2927, 0.3102

Split Complementary

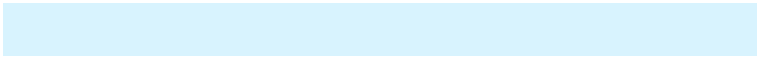
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1921, 0.3002, 0.3086



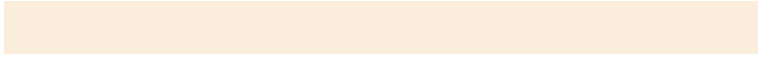
86.1921, 0.3336, 0.3471



86.1921, 0.2896, 0.3180

Square

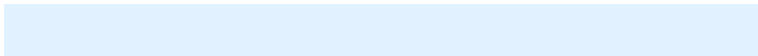
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1921, 0.3336, 0.3471



86.1921, 0.3017, 0.3392



86.1921, 0.2922, 0.3108



86.1921, 0.3236, 0.3191

Rectangle

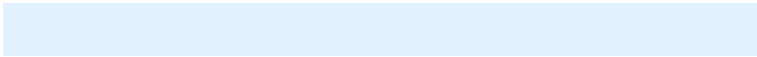
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1921, 0.3336, 0.3471



86.1921, 0.3175, 0.3488



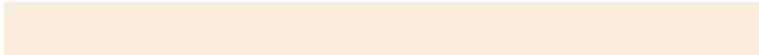
86.1921, 0.2922, 0.3108



86.1921, 0.3076, 0.3101

Sweetspot

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



86.1959, 0.3336, 0.3471



96.5564, 0.3189, 0.3345



77.0685, 0.3260, 0.3146



20.5308, 0.3201, 0.3356



0.0000, 0.0000, 0.0000



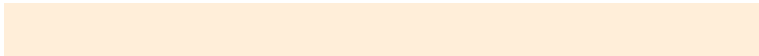
21.4041, 0.3127, 0.3290

Same Dimension

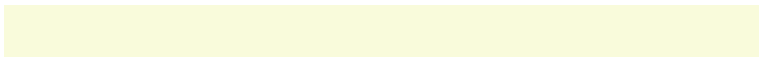
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1959, 0.3336, 0.3471



87.5968, 0.3377, 0.3505



94.2802, 0.3308, 0.3607



18.8501, 0.3280, 0.3424



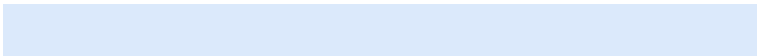
21.1816, 0.5222, 0.4236



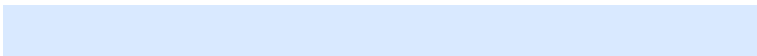
2.1727, 0.5065, 0.4360

Inverse Universe

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



80.2583, 0.2927, 0.3102



80.4506, 0.2890, 0.3066



72.9353, 0.2934, 0.2955



17.8877, 0.2979, 0.3153



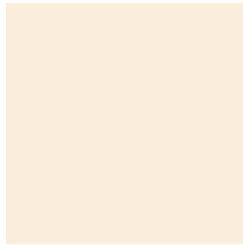
9.7334, 0.1714, 0.1368



1.1082, 0.1777, 0.1598

Previews

White Background



This preview shows how the Yxy color 86.1921, 0.3336, 0.3471 looks on a white background.

Color Contrast Check

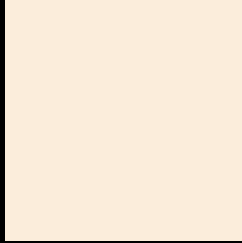
Large Text (above 18pt) WCAG AA × Fail

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 86.1921, 0.3336, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

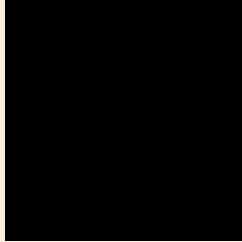
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.1921, 0.3336, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 86.1921, 0.3336, 0.3471.

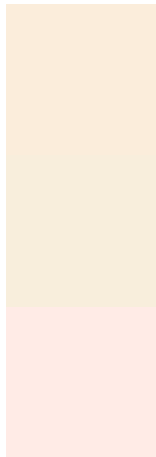


This preview shows how white text looks on a background with the Yxy color 86.1921, 0.3336, 0.3471.

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

86.1921, 0.3336, 0.3471

Protanopia

86.2728, 0.3308, 0.3472

Deuteranopia

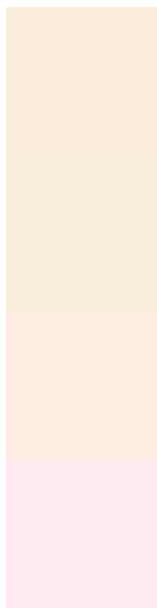
86.3898, 0.3295, 0.3340



Tritanopia

85.8754, 0.3169, 0.3115

Trichromacy



Original Color

86.1921, 0.3336, 0.3471

Protanomaly

86.4561, 0.3315, 0.3471

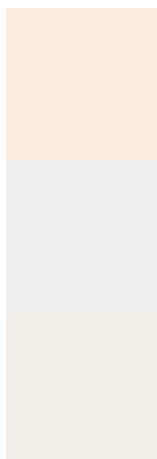
Deuteranomaly

86.5527, 0.3313, 0.3390

Tritanomaly

86.1485, 0.3231, 0.3241

Monochromacy



Original Color

86.1921, 0.3336, 0.3471

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.0300, 0.3198, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1921, 0.3336, 0.3471 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(251, 237, 219)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 219)  
}
```

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(251, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 219) }
```

Border

The CSS property to change the border of an element to Yxy 86.1921, 0.3336, 0.3471 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(251, 237, 219) }
```

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

```
.border{ border-color:rgb(251, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1921, 0.3336, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 219) }
```

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

```
.background{ background-color: rgb(251,  
237, 219) }
```

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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