

Converting Colors

Yxy(86.4638, 0.3226, 0.3412)

Have a look what the booklet for
Yxy(86.4638, 0.3226, 0.3412)
contains.

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Color

Yxy(86.3337, 0.3228, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	F3EFE3
RGB	243, 239, 227
RGB Percent	95%, 94%, 89%
CMY	0.0473, 0.0627, 0.1099
CMYK	0.00, 0.02, 0.07, 0.05
HSL	45°, 40%, 92%
HSV	45°, 7%, 95%
XYZ	81.6780, 86.3337, 85.0179
YIQ	238.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

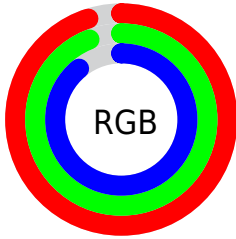
Format	Color
R_{YB}	232, 243, 227
Decimal	15986659
CIE _{Lab}	94.45, -0.74, 6.27
CIE _{LCh}	94, 6.315, 96.687
Yxy	86.3337, 0.3228, 0.3412
Android (android.graphics.Color)	4294176739 (0xFF3EFE3)
YUV	238.8280, -5.8312, 3.6588
Hunter-Lab	92.9159, -5.6921, 10.7909

Details

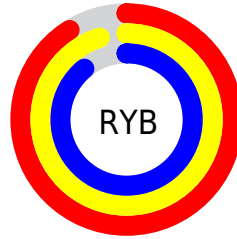
The Yxy color **86.3337, 0.3228, 0.3412** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.8953, 0.3026, 0.3165**, and the grayscale version is **86.2146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4103, 0.3249, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **81.6499, 0.3392, 0.3605**, and if you desaturate by 10%, it is **91.3298, 0.3077, 0.3228**.

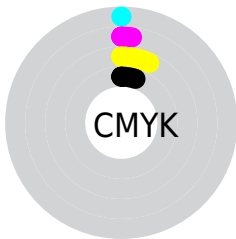
Distribution



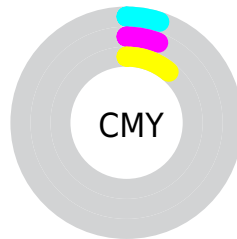
- Red (95%)
- Green (94%)
- Blue (89%)



- Red (91%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3337, 0.3228, 0.3412 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 86.3337, 0.3228, 0.3412 by changing the saturation by 10% instead.


 86.3337, 0.3228,
0.3412

 86.3337, 0.3228,
0.3412

516.0309, 0.3183,
0.3357

 64.9440, 0.3238,
0.3424


142.2351, 0.3213,
0.3393

 47.4156, 0.3250,
0.3439


177.5155, 0.3206,
0.3386

 33.3643, 0.3266,
0.3458


218.1949, 0.3201,
0.3380

 22.4057, 0.3285,
0.3482

264.6577, 0.3197,
0.3374

 14.1553, 0.3311,
0.3513

317.2883, 0.3193,
0.3369

 8.2288, 0.3347,
0.3558

376.4711, 0.3189,

 4.2417, 0.3401,

0.3365

0.3624

442.5905, 0.3186,
0.3361

■ 1.8097, 0.3490,
0.3734

■ 0.4932, 0.4324,
0.4731

■ 86.3337, 0.3228,
0.3412

■ 86.3337, 0.3228,
0.3412

■ 81.6499, 0.3392,
0.3605

■ 91.3298, 0.3077,
0.3228

■ 77.2582, 0.3569,
0.3802

■ 95.2389, 0.3054,
0.3251

■ 73.1527, 0.3754,
0.3999

■ 97.7854, 0.3053,
0.3290

■ 69.3233, 0.3943,
0.4186

■ 65.7589, 0.4129,
0.4354

■ 62.4472, 0.4305,
0.4492

■ 59.3746, 0.4461,
0.4590

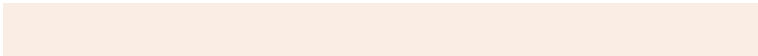
■ 56.5253, 0.4589,
0.4641

■ 53.8797, 0.4687,
0.4643

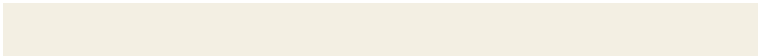
Harmonies

Analogous

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



86.3337, 0.3264, 0.3381



86.3337, 0.3228, 0.3412



86.3337, 0.3165, 0.3410

Triad

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



86.3337, 0.3228, 0.3412



86.3337, 0.2993, 0.3252



86.3337, 0.3161, 0.3207

Complementary

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



86.3337, 0.3228, 0.3412



79.8953, 0.3026, 0.3165

Split Complementary

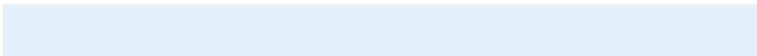
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3337, 0.3088, 0.3173



86.3337, 0.3228, 0.3412



86.3337, 0.2992, 0.3198

Square

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



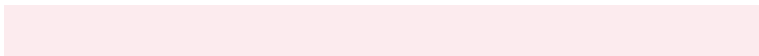
86.3337, 0.3228, 0.3412



86.3337, 0.3030, 0.3317



86.3337, 0.3027, 0.3170



86.3337, 0.3225, 0.3263

Rectangle

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



86.3337, 0.3228, 0.3412



86.3337, 0.3116, 0.3390



86.3337, 0.3027, 0.3170



86.3337, 0.3137, 0.3193

Sweetspot

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



86.3375, 0.3228, 0.3412



98.8787, 0.3157, 0.3327



79.7418, 0.3212, 0.3250



21.1759, 0.3156, 0.3325



0.0000, 0.0000, 0.0000



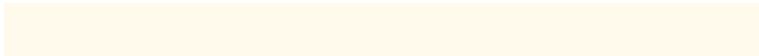
21.4041, 0.3127, 0.3290

Same Dimension

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



86.3375, 0.3228, 0.3412



95.5976, 0.3251, 0.3439



87.9583, 0.3198, 0.3452



18.5832, 0.3275, 0.3468



29.3303, 0.4707, 0.4645



2.7380, 0.4628, 0.4707

Inverse Universe

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



79.8953, 0.3026, 0.3165



86.9073, 0.3003, 0.3136



78.3808, 0.3053, 0.3125



16.5882, 0.2979, 0.3106



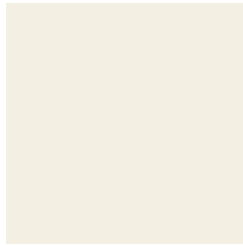
5.4863, 0.1578, 0.0879



0.6375, 0.1642, 0.1110

Previews

White Background



This preview shows how the Yxy color 86.3337, 0.3228, 0.3412 looks on a white background.

Color Contrast Check

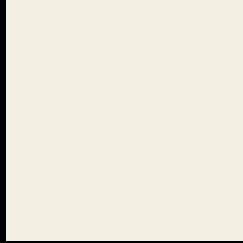
Large Text (above 18pt) WCAG AA × Fail

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 86.3337, 0.3228, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

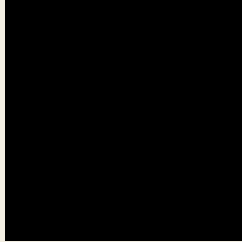
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

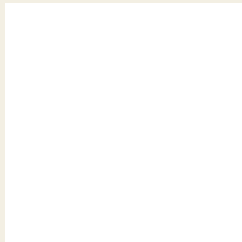
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3337, 0.3228, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 86.3337, 0.3228, 0.3412.

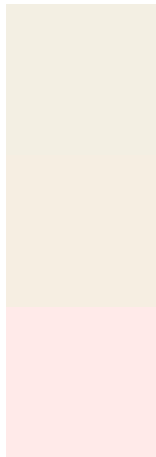


This preview shows how white text looks on a background with the Yxy color 86.3337, 0.3228, 0.3412.

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

86.3337, 0.3228, 0.3412

Protanopia

86.2329, 0.3256, 0.3411

Deuteranopia

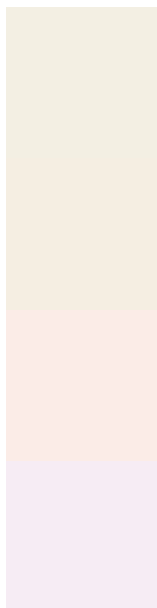
85.9888, 0.3277, 0.3300



Tritanopia

86.3466, 0.3090, 0.3104

Trichromacy



Original Color

86.3337, 0.3228, 0.3412

Protanomaly

86.0525, 0.3249, 0.3411

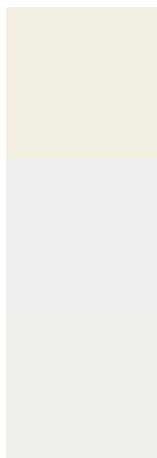
Deuteranomaly

86.2697, 0.3260, 0.3340

Tritanomaly

86.1154, 0.3144, 0.3211

Monochromacy



Original Color

86.3337, 0.3228, 0.3412

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.2564, 0.3158, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3337, 0.3228, 0.3412 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(243, 239, 227)` looks like.

```
.text, #text, p{  
    color:rgb(243, 239, 227)  
}
```

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(243, 239, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 239, 227) }
```

Border

The CSS property to change the border of an element to Yxy 86.3337, 0.3228, 0.3412 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(243, 239, 227) }
```

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

```
.border{ border-color:rgb(243, 239, 227) }
```

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

Here you see how a box with a 4 pixel rgb(243, 239, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 239, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 239, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 239,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3337, 0.3228, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 239, 227) }
```

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

```
.background{ background-color: rgb(243,  
239, 227) }
```

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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