

Converting Colors

Yxy(86.4230, 0.3216, 0.3437)

Have a look what the booklet for
Yxy(86.4230, 0.3216, 0.3437)
contains.

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Color

Yxy(86.3364, 0.3213, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	F0F0E2
RGB	240, 240, 226
RGB Percent	94%, 94%, 89%
CMY	0.0591, 0.0587, 0.1138
CMYK	0.00, 0.00, 0.06, 0.06
HSL	60°, 32%, 91%
HSV	60°, 6%, 94%
XYZ	80.8036, 86.3364, 84.3496
YIQ	238.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

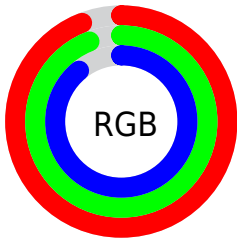
Format	Color
R _Y B	226, 240, 226
Decimal	15790306
CIE Lab	94.46, -2.44, 6.76
CIE LCh	94, 7.185, 109.873
Yxy	86.3364, 0.3213, 0.3433
Android (android.graphics.Color)	4293980386 (0xFFFF0F0E2)
YUV	238.4040, -6.1152, 1.3997
Hunter-Lab	92.9174, -7.3767, 11.2192

Details

The Yxy color **86.3364, 0.3213, 0.3433** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **76.8639, 0.3039, 0.3143**, and the grayscale version is **85.8698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4116, 0.3230, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **85.0841, 0.3363, 0.3684**, and if you desaturate by 10%, it is **87.7807, 0.3068, 0.3191**.

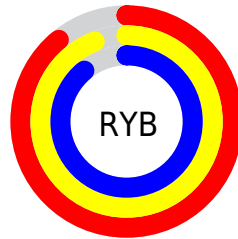
Distribution



Red (94%)

Green (94%)

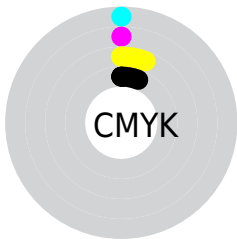
Blue (89%)



Red (89%)

Yellow (94%)

Blue (89%)

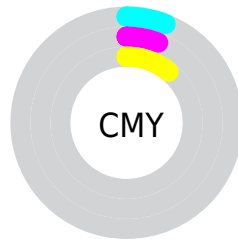


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3364, 0.3213, 0.3433 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 86.3364, 0.3213, 0.3433 by changing the saturation by 10% instead.

86.3364, 0.3213,
0.3433

86.3364, 0.3213,
0.3433

516.0398, 0.3175,
0.3369

64.9462, 0.3221,
0.3447

142.2388, 0.3200,
0.3411

47.4174, 0.3232,
0.3465

177.5198, 0.3195,
0.3402

33.3658, 0.3245,
0.3487

218.1999, 0.3190,
0.3395

22.4068, 0.3261,
0.3515

264.6634, 0.3186,
0.3388

14.1561, 0.3283,
0.3553

317.2948, 0.3183,
0.3382

8.2293, 0.3313,
0.3606

376.4783, 0.3180,

4.2420, 0.3358,

0.3377

0.3686

442.5986, 0.3177,
0.3373

■ 1.8099, 0.3431,
0.3819

■ 0.4933, 0.4231,
0.5100

■ 86.3364, 0.3213,
0.3433

■ 86.3364, 0.3213,
0.3433

■ 85.0841, 0.3363,
0.3684

■ 87.7807, 0.3068,
0.3191

■ 84.0050, 0.3515,
0.3937


■ 88.1282, 0.3039,
0.3142


■ 83.0945, 0.3663,
0.4184


■ 88.1575, 0.3040,
0.3142

■ 82.3440, 0.3801,
0.4415


■ 88.1869, 0.3041,
0.3142


 81.7438, 0.3923,
0.4621


 88.2163, 0.3042,
0.3142

 81.2834, 0.4025,
0.4792

 88.2457, 0.3043,
0.3142


 80.9507, 0.4101,
0.4922

 88.2751, 0.3044,
0.3142

 80.7318, 0.4151,
0.5008

 88.3046, 0.3045,
0.3142

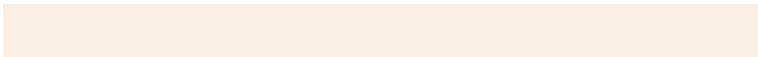
 80.6093, 0.4175,
0.5052

 88.3341, 0.3046,
0.3142

Harmonies

Analogous

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



86.3364, 0.3270, 0.3413



86.3364, 0.3213, 0.3433



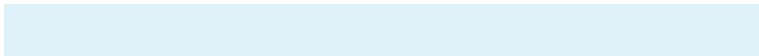
86.3364, 0.3134, 0.3414

Triad

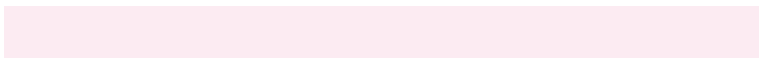
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3364, 0.3213, 0.3433



86.3364, 0.2969, 0.3217



86.3364, 0.3200, 0.3222

Complementary

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



86.3364, 0.3213, 0.3433



76.8639, 0.3039, 0.3143

Split Complementary

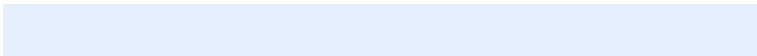
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3364, 0.3119, 0.3171



86.3364, 0.3213, 0.3433



86.3364, 0.2986, 0.3167

Square

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



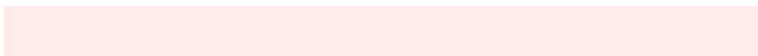
86.3364, 0.3213, 0.3433



86.3364, 0.2993, 0.3287



86.3364, 0.3041, 0.3151



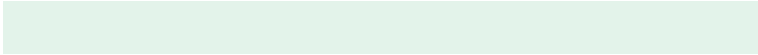
86.3364, 0.3263, 0.3291

Rectangle

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



86.3364, 0.3213, 0.3433



86.3364, 0.3079, 0.3381



86.3364, 0.3041, 0.3151



86.3364, 0.3174, 0.3202

Sweetspot

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



86.3401, 0.3213, 0.3433



99.6691, 0.3156, 0.3339



78.4085, 0.3226, 0.3290



21.3368, 0.3155, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

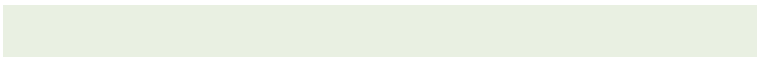
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3401, 0.3213, 0.3433



98.8796, 0.3230, 0.3462



85.1524, 0.3167, 0.3435



18.5060, 0.3239, 0.3476



44.0992, 0.4181, 0.5062



3.6704, 0.4183, 0.5061

Inverse Universe

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



76.8639, 0.3039, 0.3143



85.9271, 0.3020, 0.3112



78.0061, 0.3086, 0.3145



15.8970, 0.3011, 0.3097



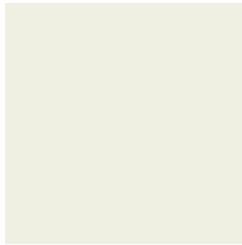
3.4522, 0.1502, 0.0601



0.2890, 0.1508, 0.0604

Previews

White Background



This preview shows how the Yxy color 86.3364, 0.3213, 0.3433 looks on a white background.

Color Contrast Check

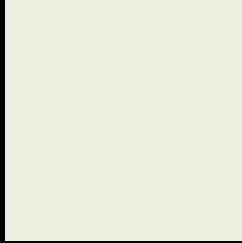
Large Text (above 18pt) WCAG AA × Fail

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 86.3364, 0.3213, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

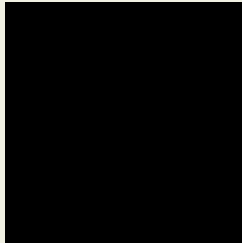
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

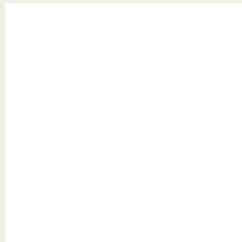
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3364, 0.3213, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 86.3364, 0.3213, 0.3433.

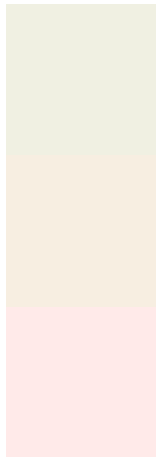


This preview shows how white text looks on a background with the Yxy color 86.3364, 0.3213, 0.3433.

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

86.3364, 0.3213, 0.3433

Protanopia

86.3595, 0.3269, 0.3421

Deuteranopia

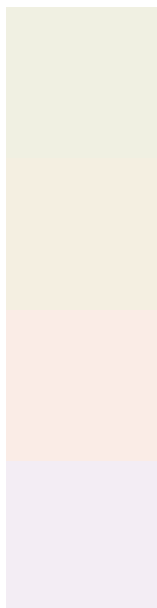
85.9888, 0.3277, 0.3300



Tritanopia

86.3798, 0.3070, 0.3113

Trichromacy



Original Color

86.3364, 0.3213, 0.3433

Protanomaly

86.4023, 0.3248, 0.3432

Deuteranomaly

86.0281, 0.3260, 0.3350

Tritanomaly

86.1547, 0.3124, 0.3220

Monochromacy



Original Color

86.3364, 0.3213, 0.3433

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.0242, 0.3158, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3364, 0.3213, 0.3433 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(240, 240, 226) looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 226)  
}
```

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(240, 240, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 226) }
```

Border

The CSS property to change the border of an element to Yxy 86.3364, 0.3213, 0.3433 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(240, 240, 226) }
```

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

```
.border{ border-color:rgb(240, 240, 226) }
```

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

Here you see how a box with a 4 pixel rgb(240, 240, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3364, 0.3213, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 226) }
```

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

```
.background{ background-color: rgb(240,  
240, 226) }
```

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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