

Converting Colors

Yxy(84.7367, 0.3262, 0.3460)

Have a look what the booklet for
Yxy(84.7367, 0.3262, 0.3460)
contains.

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Color

Yxy(84.6661, 0.3261, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	F2EDDD
RGB	242, 237, 221
RGB Percent	95%, 93%, 87%
CMY	0.0512, 0.0705, 0.1334
CMYK	0.00, 0.02, 0.09, 0.05
HSL	46°, 45%, 91%
HSV	46°, 9%, 95%
XYZ	79.9352, 84.6661, 80.5235
YIQ	236.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

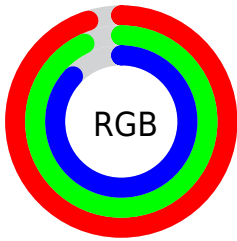
Format	Color
R _Y B	228, 242, 221
Decimal	15920605
CIE Lab	93.74, -1.06, 8.34
CIE LCh	94, 8.408, 97.210
Yxy	84.6661, 0.3261, 0.3454
Android (android.graphics.Color)	4294110685 (0xFF F2 EDDD)
YUV	236.6710, -7.7258, 4.6735
Hunter-Lab	92.0142, -5.9571, 12.5240

Details

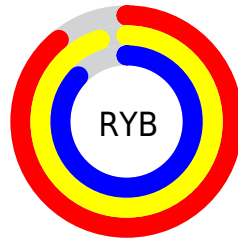
The Yxy color **84.6661, 0.3261, 0.3454** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1121, 0.2993, 0.3120**, and the grayscale version is **84.4733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2400, 0.3292, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **80.2398, 0.3427, 0.3651**, and if you desaturate by 10%, it is **89.3895, 0.3107, 0.3265**.

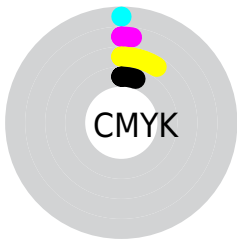
Distribution



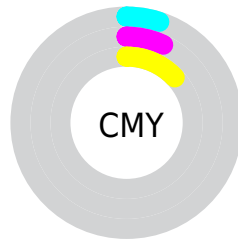
- Red (95%)
- Green (93%)
- Blue (87%)



- Red (89%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.6661, 0.3261, 0.3454 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 84.6661, 0.3261, 0.3454 by changing the saturation by 10% instead.

84.6661, 0.3261,
0.3454

84.6661, 0.3261,
0.3454

510.5226, 0.3201,
0.3380

63.5655, 0.3274,
0.3471

139.9066, 0.3240,
0.3429

46.2989, 0.3291,
0.3491

174.8153, 0.3232,
0.3419

32.4817, 0.3311,
0.3516

215.0954, 0.3225,
0.3410

21.7297, 0.3337,
0.3549

261.1315, 0.3219,
0.3403

13.6584, 0.3372,
0.3592

313.3079, 0.3214,
0.3396

7.8835, 0.3421,
0.3653

372.0089, 0.3209,

4.0205, 0.3494,

0.3390

0.3744

437.6190, 0.3205,
0.3385

■ 1.6850, 0.3613,
0.3897

■ 0.4139, 0.4704,
0.5296

■ 84.6661, 0.3261,
0.3454

■ 84.6661, 0.3261,
0.3454

■ 80.2398, 0.3427,
0.3651

■ 89.3895, 0.3107,
0.3265

■ 76.0905, 0.3604,
0.3851

■ 93.4467, 0.3048,
0.3225

■ 72.2126, 0.3789,
0.4049

■ 96.9930, 0.3047,
0.3280

■ 68.5960, 0.3975,
0.4235

■ 97.6062, 0.3047,
0.3290

■ 65.2295, 0.4156,
0.4400

■ 62.1011, 0.4324,
0.4532

■ 59.1970, 0.4471,
0.4623

■ 56.5011, 0.4589,
0.4665

■ 53.9904, 0.4677,
0.4661

Harmonies

Analogous

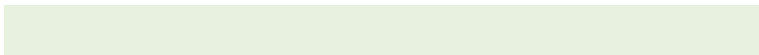
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6661, 0.3311, 0.3412



84.6661, 0.3261, 0.3454



84.6661, 0.3176, 0.3451

Triad

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



84.6661, 0.3261, 0.3454



84.6661, 0.2947, 0.3237



84.6661, 0.3174, 0.3181

Complementary

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



84.6661, 0.3261, 0.3454



76.1121, 0.2993, 0.3120

Split Complementary

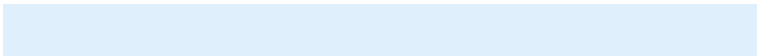
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6661, 0.3077, 0.3135



84.6661, 0.3261, 0.3454



84.6661, 0.2947, 0.3165

Square

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



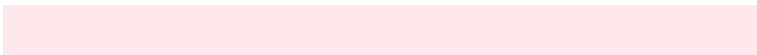
84.6661, 0.3261, 0.3454



84.6661, 0.2995, 0.3324



84.6661, 0.2994, 0.3129



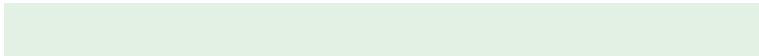
84.6661, 0.3260, 0.3255

Rectangle

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



84.6661, 0.3261, 0.3454



84.6661, 0.3111, 0.3424



84.6661, 0.2994, 0.3129



84.6661, 0.3142, 0.3161

Sweetspot

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



84.6698, 0.3261, 0.3454



98.3785, 0.3173, 0.3346



76.0739, 0.3242, 0.3236



20.9654, 0.3185, 0.3361



0.0000, 0.0000, 0.0000



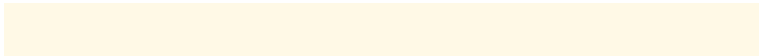
21.4041, 0.3127, 0.3290

Same Dimension

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



84.6698, 0.3261, 0.3454



94.7113, 0.3283, 0.3481



86.6394, 0.3221, 0.3505



17.7944, 0.3274, 0.3470



29.0651, 0.4678, 0.4667



2.5680, 0.4601, 0.4729

Inverse Universe

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



76.1121, 0.2993, 0.3120



83.6500, 0.2971, 0.3092



74.3163, 0.3028, 0.3070



15.8299, 0.2980, 0.3104



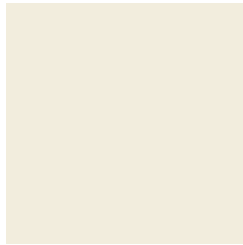
5.1737, 0.1572, 0.0858



0.5781, 0.1639, 0.1099

Previews

White Background



This preview shows how the Yxy color 84.6661, 0.3261, 0.3454 looks on a white background.

Color Contrast Check

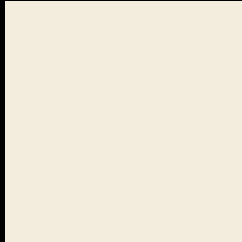
Large Text (above 18pt) WCAG AA × Fail

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 84.6661, 0.3261, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

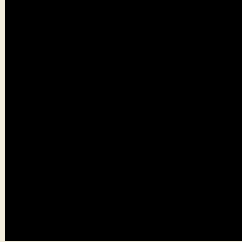
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

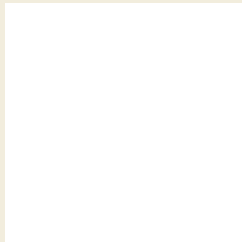
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.6661, 0.3261, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 84.6661, 0.3261, 0.3454.

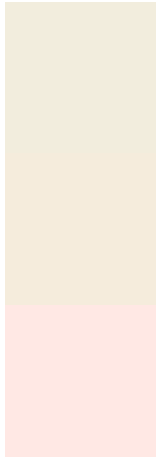


This preview shows how white text looks on a background with the Yxy color 84.6661, 0.3261, 0.3454.

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

84.6661, 0.3261, 0.3454

Protanopia

84.5707, 0.3290, 0.3453

Deuteranopia

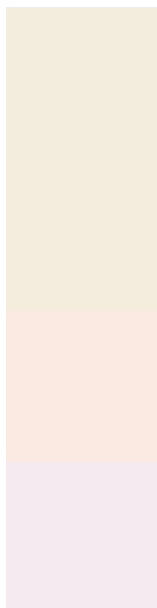
84.5747, 0.3311, 0.3330



Tritanopia

84.8357, 0.3102, 0.3112

Trichromacy



Original Color

84.6661, 0.3261, 0.3454

Protanomaly

84.3913, 0.3283, 0.3453

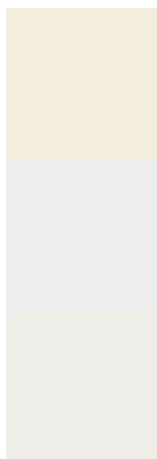
Deuteranomaly

84.6059, 0.3294, 0.3381

Tritanomaly

84.5494, 0.3164, 0.3230

Monochromacy



Original Color

84.6661, 0.3261, 0.3454

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.6886, 0.3178, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.6661, 0.3261, 0.3454 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(242, 237, 221)` looks like.

```
.text, #text, p{  
    color:rgb(242, 237, 221)  
}
```

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(242, 237, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 237, 221) }
```

Border

The CSS property to change the border of an element to Yxy 84.6661, 0.3261, 0.3454 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(242, 237, 221) }
```

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

```
.border{ border-color:rgb(242, 237, 221) }
```

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

Here you see how a box with a 4 pixel rgb(242, 237, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 237, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 237, 221);  
box-shadow:4px 4px 4px 4px rgb(242, 237,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6661, 0.3261, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 237, 221) }
```

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

```
.background{ background-color: rgb(242,  
237, 221) }
```

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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