

Converting Colors

$Yxy(88.0113, 0.3263, 0.3492)$

Have a look what the booklet for
Yxy(88.0113, 0.3263, 0.3492)
contains.

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Color

Yxy(88.0113, 0.3263, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2DE
RGB	244, 242, 222
RGB Percent	96%, 95%, 87%
CMY	0.0433, 0.0509, 0.1293
CMYK	0.00, 0.01, 0.09, 0.04
HSL	55°, 50%, 91%
HSV	55°, 9%, 96%
XYZ	82.2397, 88.0113, 81.7860
YIQ	240.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

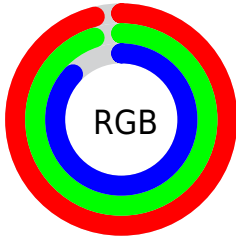
Format	Color
RYB	224, 244, 222
Decimal	16052958
CIELab	95.17, -2.71, 9.86
CIELCh	95, 10.227, 105.378
Yxy	88.0113, 0.3263, 0.3492
Android (android.graphics.Color)	4294243038 (0xFFFF4F2DE)
YUV	240.3180, -9.0308, 3.2291
Hunter-Lab	93.8143, -7.6982, 13.9819

Details

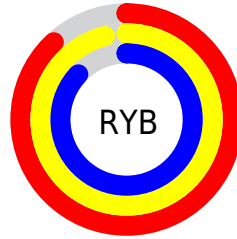
The Yxy color **88.0113, 0.3263, 0.3492** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3704, 0.2987, 0.3080**, and the grayscale version is **87.4677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5992, 0.3294, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **85.5152, 0.3421, 0.3724**, and if you desaturate by 10%, it is **90.7197, 0.3112, 0.3268**.

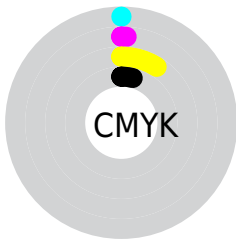
Distribution



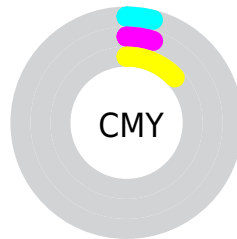
- Red (96%)
- Green (95%)
- Blue (87%)



- Red (88%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0113, 0.3263, 0.3492 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 88.0113, 0.3263, 0.3492 by changing the saturation by 10% instead.

 88.0113, 0.3263,
0.3492

 88.0113, 0.3263,
0.3492


521.5402, 0.3202,
0.3401

 66.3324, 0.3276,
0.3512

144.5729, 0.3242,
0.3461

 48.5423, 0.3292,
0.3537


180.2244, 0.3234,
0.3449

 34.2566, 0.3313,
0.3568


221.3022, 0.3227,
0.3438

 23.0908, 0.3338,
0.3607

268.1908, 0.3221,
0.3429

 14.6605, 0.3372,
0.3660

321.2745, 0.3216,
0.3421

 8.5815, 0.3419,
0.3733

380.9377, 0.3211,

 4.4692, 0.3487,

0.3414

0.3842

447.5648, 0.3206,
0.3407

■ 1.9394, 0.3595,
0.4021

■ 0.5719, 0.4550,
0.5450

■ 88.0113, 0.3263,
0.3492

■ 88.0113, 0.3263,
0.3492

■ 85.5152, 0.3421,
0.3724

■ 90.7197, 0.3112,
0.3268

■ 83.2118, 0.3583,
0.3957

■ 92.5745, 0.3061,
0.3205

■ 81.0962, 0.3743,
0.4183

■ 93.9053, 0.3061,
0.3227

■ 79.1589, 0.3896,
0.4394

■ 95.2516, 0.3060,
0.3248

■ 77.3896, 0.4036,
0.4579

■ 96.6134, 0.3060,
0.3269

■ 75.7767, 0.4156,
0.4728

■ 97.9668, 0.3059,
0.3290

■ 74.3073, 0.4250,
0.4835

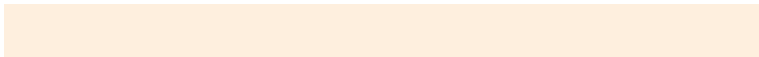
■ 72.9657, 0.4317,
0.4897

■ 71.7288, 0.4358,
0.4918

Harmonies

Analogous

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



88.0113, 0.3337, 0.3455



88.0113, 0.3263, 0.3492



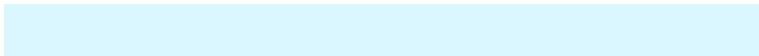
88.0113, 0.3153, 0.3474

Triad

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



88.0113, 0.3263, 0.3492



88.0113, 0.2906, 0.3199



88.0113, 0.3214, 0.3181

Complementary

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



88.0113, 0.3263, 0.3492



75.3704, 0.2987, 0.3080

Split Complementary

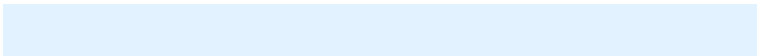
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0113, 0.3098, 0.3115



88.0113, 0.3263, 0.3492



88.0113, 0.2921, 0.3124

Square

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



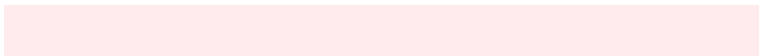
88.0113, 0.3263, 0.3492



88.0113, 0.2948, 0.3302



88.0113, 0.2991, 0.3094



88.0113, 0.3309, 0.3275

Rectangle

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



88.0113, 0.3263, 0.3492



88.0113, 0.3076, 0.3432



88.0113, 0.2991, 0.3094



88.0113, 0.3176, 0.3155

Sweetspot

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



88.0151, 0.3263, 0.3492



99.0835, 0.3172, 0.3357



76.8838, 0.3269, 0.3268



21.1563, 0.3184, 0.3375



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.



88.0151, 0.3263, 0.3492



96.7412, 0.3295, 0.3539



87.6512, 0.3203, 0.3515



19.0466, 0.3271, 0.3503



39.0528, 0.4358, 0.4921



3.5049, 0.4335, 0.4940

Inverse Universe

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



75.3704, 0.2987, 0.3080



79.8284, 0.2954, 0.3028



75.7493, 0.3047, 0.3063



16.1637, 0.2979, 0.3067



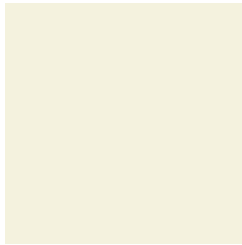
3.9390, 0.1516, 0.0658



0.4254, 0.1553, 0.0789

Previews

White Background



This preview shows how the Yxy color 88.0113, 0.3263, 0.3492 looks on a white background.

Color Contrast Check

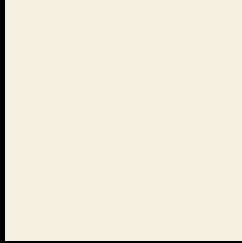
Large Text (above 18pt) WCAG AA × Fail

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 88.0113, 0.3263, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

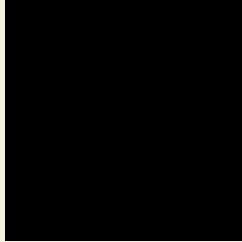
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

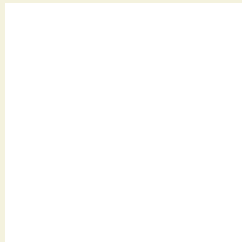
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0113, 0.3263, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 88.0113, 0.3263, 0.3492.

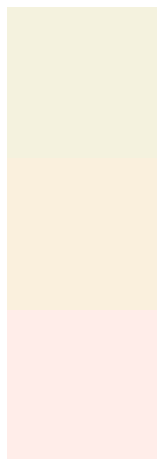


This preview shows how white text looks on a background with the Yxy color 88.0113, 0.3263, 0.3492.

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

88.0113, 0.3263, 0.3492

Protanopia

87.8646, 0.3313, 0.3480

Deuteranopia

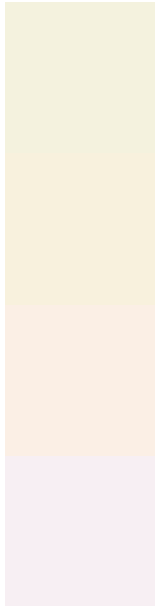
87.7116, 0.3274, 0.3330



Tritanopia

87.7448, 0.3089, 0.3114

Trichromacy



Original Color

88.0113, 0.3263, 0.3492

Protanomaly

88.0875, 0.3298, 0.3491

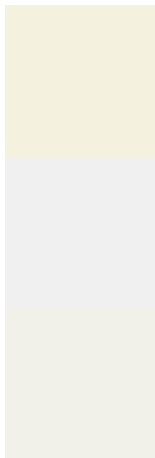
Deuteranomaly

87.8994, 0.3270, 0.3390

Tritanomaly

87.9782, 0.3155, 0.3251

Monochromacy



Original Color

88.0113, 0.3263, 0.3492

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.4946, 0.3176, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0113, 0.3263, 0.3492 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(244, 242, 222)` looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 222)  
}
```

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(244, 242, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 222) }
```

Border

The CSS property to change the border of an element to Yxy 88.0113, 0.3263, 0.3492 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(244, 242, 222) }
```

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

```
.border{ border-color:rgb(244, 242, 222) }
```

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

Here you see how a box with a 4 pixel rgb(244, 242, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0113, 0.3263, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 242, 222) }
```

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

```
.background{ background-color: rgb(244,  
242, 222) }
```

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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