

Converting Colors

$Yxy(85.5316, 0.3214, 0.3447)$

Have a look what the booklet for
Yxy(85.5316, 0.3214, 0.3447)
contains.

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Color

Yxy(85.2920, 0.3213, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	EEEEFE0
RGB	238, 239, 224
RGB Percent	93%, 94%, 88%
CMY	0.0668, 0.0627, 0.1216
CMYK	0.00, 0.00, 0.06, 0.06
HSL	64°, 32%, 91%
HSV	64°, 6%, 94%
XYZ	79.5712, 85.2920, 82.7907
YIQ	236.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

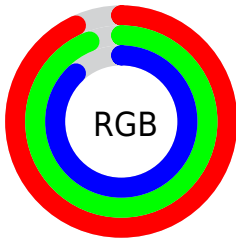
Format	Color
RYB	224, 239, 225
Decimal	15658976
CIELab	94.01, -2.94, 7.13
CIELCh	94, 7.706, 112.391
Yxy	85.2920, 0.3213, 0.3444
Android (android.graphics.Color)	4293849056 (0xFFEEEEFE0)
YUV	236.9910, -6.4046, 0.8849
Hunter-Lab	92.3537, -7.8247, 11.4969

Details

The Yxy color **85.2920, 0.3213, 0.3444** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5626, 0.3038, 0.3132**, and the grayscale version is **84.7271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6766, 0.3230, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **83.7991, 0.3353, 0.3697**, and if you desaturate by 10%, it is **86.9773, 0.3077, 0.3201**.

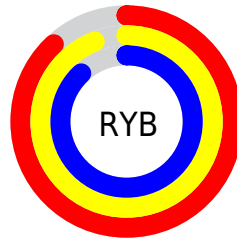
Distribution



Red (93%)

Green (94%)

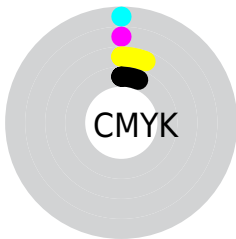
Blue (88%)



Red (88%)

Yellow (94%)

Blue (88%)

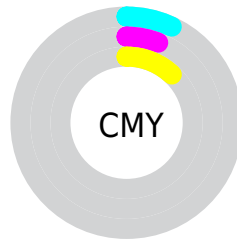


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.2920, 0.3213, 0.3444 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 85.2920, 0.3213, 0.3444 by changing the saturation by 10% instead.

85.2920, 0.3213,
0.3444

85.2920, 0.3213,
0.3444

512.5938, 0.3175,
0.3374

64.0827, 0.3221,
0.3460

140.7811, 0.3200,
0.3420

46.7176, 0.3232,
0.3479

175.8296, 0.3195,
0.3411

32.8125, 0.3245,
0.3503

216.2600, 0.3190,
0.3403

21.9828, 0.3261,
0.3533

262.4567, 0.3186,
0.3396

13.8443, 0.3283,
0.3575

314.8040, 0.3183,
0.3389

8.0124, 0.3314,
0.3633

373.6863, 0.3180,

4.1029, 0.3359,

0.3384

0.3720

439.4881, 0.3177,
0.3379

■ 1.7313, 0.3432,
0.3868

■ 0.4438, 0.4410,
0.5590

■ 85.2920, 0.3213,
0.3444

■ 85.2920, 0.3213,
0.3444

■ 83.7991, 0.3353,
0.3697

■ 86.9773, 0.3077,
0.3201

■ 82.4800, 0.3493,
0.3954


■ 87.7209, 0.3046,
0.3132


■ 81.3302, 0.3629,
0.4207

■ 88.0185, 0.3057,
0.3133

■ 80.3410, 0.3754,
0.4447

■ 88.3189, 0.3067,
0.3133

 79.5029, 0.3865,
0.4663


 88.6220, 0.3078,
0.3134


 78.8053, 0.3954,
0.4846

 88.9279, 0.3089,
0.3134


 78.2363, 0.4018,
0.4987

 89.2366, 0.3100,
0.3135

 77.7819, 0.4055,
0.5084

 89.5480, 0.3111,
0.3135

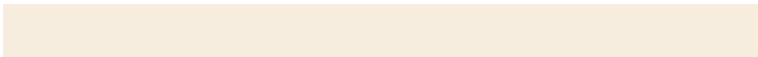
 77.4247, 0.4068,
0.5138

 89.8622, 0.3122,
0.3136

Harmonies

Analogous

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



85.2920, 0.3277, 0.3426



85.2920, 0.3213, 0.3444



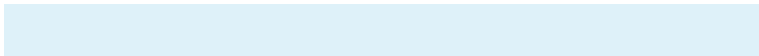
85.2920, 0.3127, 0.3420

Triad

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



85.2920, 0.3213, 0.3444



85.2920, 0.2957, 0.3205



85.2920, 0.3213, 0.3222

Complementary

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



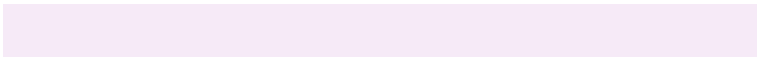
85.2920, 0.3213, 0.3444



75.5626, 0.3038, 0.3132

Split Complementary

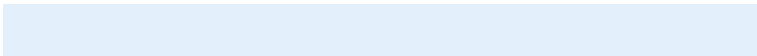
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2920, 0.3126, 0.3165



85.2920, 0.3213, 0.3444



85.2920, 0.2979, 0.3154

Square

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



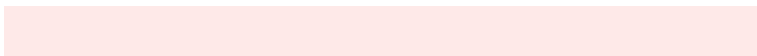
85.2920, 0.3213, 0.3444



85.2920, 0.2979, 0.3280



85.2920, 0.3041, 0.3140



85.2920, 0.3277, 0.3297

Rectangle

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



85.2920, 0.3213, 0.3444



85.2920, 0.3068, 0.3383



85.2920, 0.3041, 0.3140



85.2920, 0.3185, 0.3200

Sweetspot

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



85.2957, 0.3213, 0.3444



99.6079, 0.3154, 0.3339



77.5880, 0.3232, 0.3301



21.3243, 0.3153, 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.



85.2957, 0.3213, 0.3444



98.4840, 0.3237, 0.3488



84.0325, 0.3163, 0.3446



18.3992, 0.3257, 0.3524



42.7383, 0.4071, 0.5150



3.5722, 0.4088, 0.5136

Inverse Universe

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



75.5626, 0.3038, 0.3132



84.2466, 0.3012, 0.3086



76.7871, 0.3089, 0.3134



15.2818, 0.2990, 0.3046



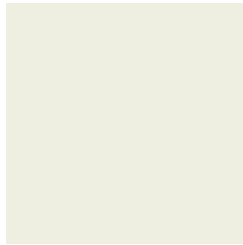
3.5288, 0.1522, 0.0612



0.3120, 0.1578, 0.0643

Previews

White Background



This preview shows how the Yxy color 85.2920, 0.3213, 0.3444 looks on a white background.

Color Contrast Check

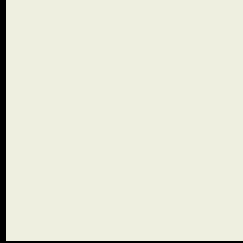
Large Text (above 18pt) WCAG AA × Fail

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 85.2920, 0.3213, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

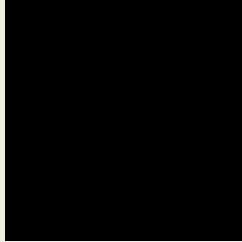
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

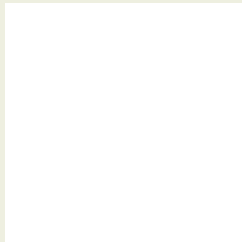
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2920, 0.3213, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 85.2920, 0.3213, 0.3444.

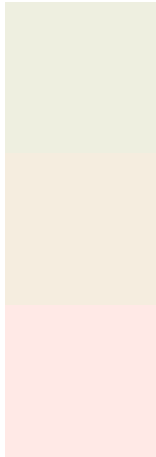


This preview shows how white text looks on a background with the Yxy color 85.2920, 0.3213, 0.3444.

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

85.2920, 0.3213, 0.3444

Protanopia

85.3086, 0.3269, 0.3432

Deuteranopia

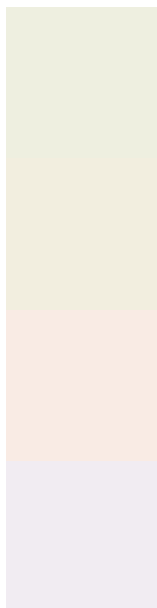
85.2510, 0.3297, 0.3320



Tritanopia

85.3858, 0.3063, 0.3111

Trichromacy



Original Color

85.2920, 0.3213, 0.3444

Protanomaly

85.3540, 0.3248, 0.3443

Deuteranomaly

85.1578, 0.3267, 0.3360

Tritanomaly

85.1025, 0.3123, 0.3230

Monochromacy



Original Color

85.2920, 0.3213, 0.3444

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.9798, 0.3157, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2920, 0.3213, 0.3444 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(238, 239, 224)` looks like.

```
.text, #text, p{  
    color:rgb(238, 239, 224)  
}
```

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(238, 239, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 239, 224) }
```

Border

The CSS property to change the border of an element to Yxy 85.2920, 0.3213, 0.3444 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(238, 239, 224) }
```

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

```
.border{ border-color:rgb(238, 239, 224) }
```

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

Here you see how a box with a 4 pixel rgb(238, 239, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 239, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 239, 224);  
box-shadow:4px 4px 4px 4px rgb(238, 239,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2920, 0.3213, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 239, 224) }
```

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

```
.background{ background-color: rgb(238,  
239, 224) }
```

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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