

Converting Colors

Yxy(85.4454, 0.3167, 0.3481)

Have a look what the booklet for
Yxy(85.4454, 0.3167, 0.3481)
contains.

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Color

Yxy(85.2272, 0.3171, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	E7F1DF
RGB	231, 241, 223
RGB Percent	91%, 95%, 87%
CMY	0.0942, 0.0549, 0.1255
CMYK	0.04, 0.00, 0.07, 0.05
HSL	93°, 39%, 91%
HSV	93°, 7%, 95%
XYZ	77.7266, 85.2272, 82.1632
YIQ	235.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

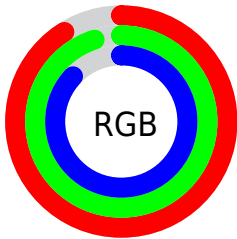
Format	Color
R _Y B	223, 241, 233
Decimal	15200735
CIE Lab	93.98, -6.49, 7.54
CIE LCh	94, 9.945, 130.701
Yxy	85.2272, 0.3171, 0.3477
Android (android.graphics.Color)	4293390815 (0xFFE7F1DF)
YUV	235.9580, -6.3883, -4.3482
Hunter-Lab	92.3186, -11.2714, 11.8551

Details

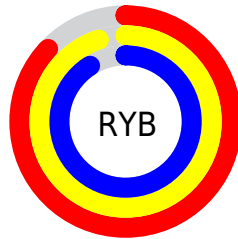
The Yxy color **85.2272, 0.3171, 0.3477** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4521, 0.3080, 0.3104**, and the grayscale version is **83.8978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6390, 0.3176, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **81.8762, 0.3229, 0.3748**, and if you desaturate by 10%, it is **88.9415, 0.3112, 0.3230**.

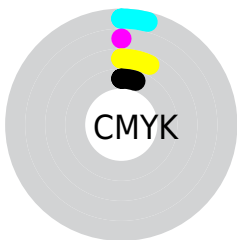
Distribution



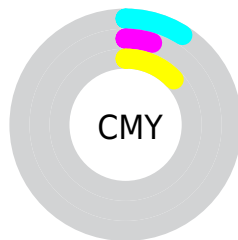
- Red (91%)
- Green (95%)
- Blue (87%)



- Red (87%)
- Yellow (95%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)




- Cyan (9%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2272, 0.3171, 0.3477 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 85.2272, 0.3171, 0.3477 by changing the saturation by 10% instead.

 85.2272, 0.3171,
0.3477

 85.2272, 0.3171,
0.3477

512.3796, 0.3152,
0.3392

 64.0291, 0.3175,
0.3496

140.6906, 0.3165,
0.3448

 46.6743, 0.3180,
0.3520


175.7246, 0.3162,
0.3436

 32.7782, 0.3186,
0.3549


216.1395, 0.3160,
0.3426

 21.9566, 0.3194,
0.3587

262.3196, 0.3158,
0.3418

 13.8250, 0.3205,
0.3639

314.6492, 0.3156,
0.3410

 7.9991, 0.3218,
0.3711

373.5128, 0.3154,

 4.0943, 0.3238,

0.3403

439.2948, 0.3153,
0.3397

0.3822

1.7265, 0.3267,
0.4011

0.4407, 0.3716,
0.6284

85.2272, 0.3171,
0.3477

85.2272, 0.3171,
0.3477

81.8762, 0.3229,
0.3748

88.9415, 0.3112,
0.3230

78.8658, 0.3284,
0.4038

91.3959, 0.3133,
0.3156

76.1874, 0.3332,
0.4343

73.8281, 0.3370,
0.4653

■ 71.7736, 0.3394,
0.4953

■ 70.0086, 0.3399,
0.5227

■ 68.5162, 0.3384,
0.5459

■ 67.2768, 0.3349,
0.5636

■ 66.2661, 0.3296,
0.5753

Harmonies

Analogous

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



85.2272, 0.3275, 0.3486



85.2272, 0.3171, 0.3477



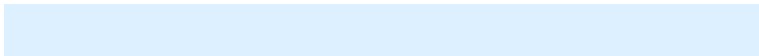
85.2272, 0.3057, 0.3415

Triad

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



85.2272, 0.3171, 0.3477



85.2272, 0.2918, 0.3135



85.2272, 0.3294, 0.3260

Complementary

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



85.2272, 0.3171, 0.3477



76.4521, 0.3080, 0.3104

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.



85.2272, 0.3196, 0.3170



85.2272, 0.3171, 0.3477



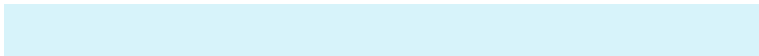
85.2272, 0.2979, 0.3098

Square

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



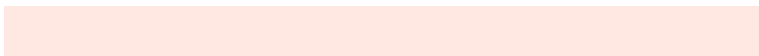
85.2272, 0.3171, 0.3477



85.2272, 0.2912, 0.3215



85.2272, 0.3080, 0.3111



85.2272, 0.3347, 0.3359

Rectangle

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



85.2272, 0.3171, 0.3477



85.2272, 0.2990, 0.3353



85.2272, 0.3080, 0.3111



85.2272, 0.3265, 0.3228

Sweetspot

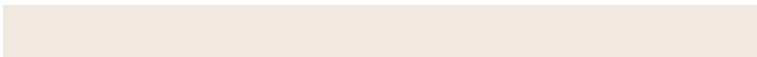
The Sweet Spot groups the original color and five complimentary colors.



85.2309, 0.3171, 0.3477



99.1418, 0.3139, 0.3339



82.2535, 0.3246, 0.3392



21.2294, 0.3138, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

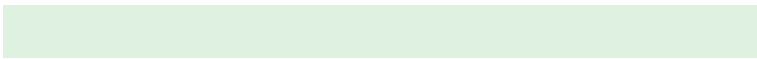
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2309, 0.3171, 0.3477



96.2678, 0.3180, 0.3518



83.9799, 0.3113, 0.3470



17.9996, 0.3183, 0.3529



35.8855, 0.3293, 0.5767



3.0434, 0.3395, 0.5686

Inverse Universe

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



76.4521, 0.3080, 0.3104



84.3407, 0.3070, 0.3064



77.7744, 0.3142, 0.3116



15.6622, 0.3067, 0.3052



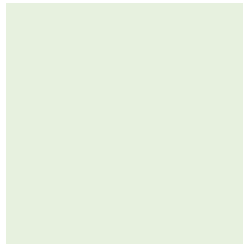
6.2759, 0.2138, 0.0951



0.5810, 0.2272, 0.1025

Previews

White Background



This preview shows how the Yxy color 85.2272, 0.3171, 0.3477 looks on a white background.

Color Contrast Check

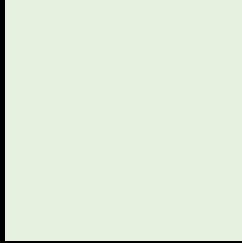
Large Text (above 18pt) WCAG AA × Fail

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 85.2272, 0.3171, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

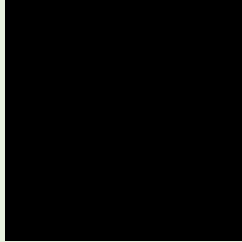
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

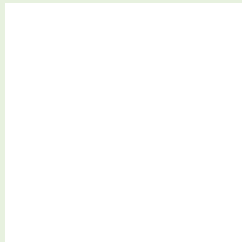
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2272, 0.3171, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 85.2272, 0.3171, 0.3477.

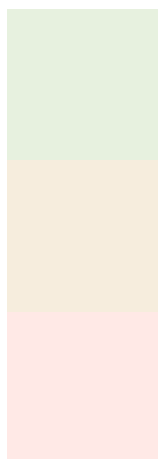


This preview shows how white text looks on a background with the Yxy color 85.2272, 0.3171, 0.3477.

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

85.2272, 0.3171, 0.3477

Protanopia

85.3817, 0.3289, 0.3452

Deuteranopia

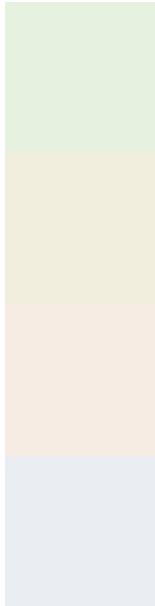
85.2510, 0.3297, 0.3320



Tritanopia

85.0438, 0.3012, 0.3100

Trichromacy



Original Color

85.2272, 0.3171, 0.3477

Protanomaly

85.1238, 0.3247, 0.3454

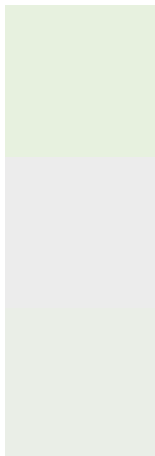
Deuteranomaly

85.1298, 0.3251, 0.3381

Tritanomaly

85.1126, 0.3071, 0.3239

Monochromacy



Original Color

85.2272, 0.3171, 0.3477

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.4110, 0.3144, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2272, 0.3171, 0.3477 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(231, 241, 223)` looks like.

```
.text, #text, p{  
    color:rgb(231, 241, 223)  
}
```

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(231, 241, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 241, 223) }
```

Border

The CSS property to change the border of an element to Yxy 85.2272, 0.3171, 0.3477 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(231, 241, 223) }
```

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

```
.border{ border-color:rgb(231, 241, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 241, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 241, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 241, 223);  
box-shadow:4px 4px 4px 4px rgb(231, 241,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2272, 0.3171, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 241, 223) }
```

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

```
.background{ background-color: rgb(231,  
241, 223) }
```

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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