

Converting Colors

$Yxy(84.8794, 0.3224, 0.3496)$

Have a look what the booklet for
Yxy(84.8794, 0.3224, 0.3496)
contains.

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Color

Yxy(84.5625, 0.3218, 0.3487)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EBEFDC |
| RGB | 235, 239, 220 |
| RGB Percent | 92%, 94%, 86% |
| CMY | 0.0785, 0.0627, 0.1373 |
| CMYK | 0.02, 0.00, 0.08, 0.06 |
| HSL | 73°, 37%, 90% |
| HSV | 73°, 8%, 94% |
| XYZ | 78.0390, 84.5625, 79.9063 |
| YIQ | 235.6380, 3.7150, -6.7570 |

Conversions

Conversions Part 2

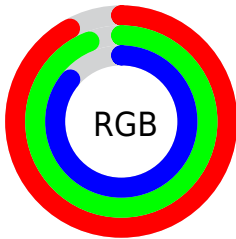
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 239, 224 |
| Decimal | 15462364 |
| CIE Lab | 93.69, -4.62, 8.73 |
| CIE LCh | 94, 9.877, 117.914 |
| Yxy | 84.5625, 0.3218, 0.3487 |
| Android (android.graphics.Color) | 4293652444 (0xFFEBEFDC) |
| YUV | 235.6380, -7.7095, -0.5595 |
| Hunter-Lab | 91.9579, -9.4442, 12.8507 |

Details

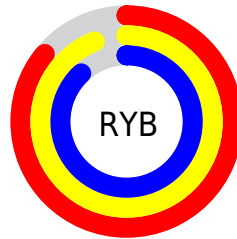
The Yxy color **84.5625, 0.3218, 0.3487** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.2599, 0.3032, 0.3089**, and the grayscale version is **83.6470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1673, 0.3236, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **82.5395, 0.3334, 0.3746**, and if you desaturate by 10%, it is **86.7984, 0.3104, 0.3241**.

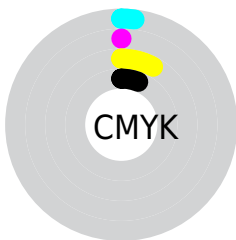
Distribution



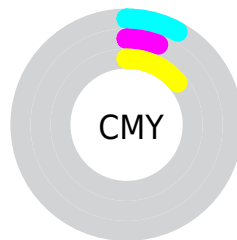
- Red (92%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (8%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5625, 0.3218, 0.3487 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 84.5625, 0.3218, 0.3487 by changing the saturation by 10% instead.

84.5625, 0.3218,
0.3487

84.5625, 0.3218,
0.3487

510.1793, 0.3177,
0.3397

63.4799, 0.3227,
0.3507

139.7618, 0.3204,
0.3456

46.2296, 0.3238,
0.3532

174.6473, 0.3199,
0.3444

32.4270, 0.3251,
0.3563

214.9025, 0.3194,
0.3434

21.6879, 0.3269,
0.3603

260.9120, 0.3190,
0.3425

13.6277, 0.3291,
0.3657

313.0600, 0.3186,
0.3417

7.8622, 0.3323,
0.3733

371.7309, 0.3183,

4.0069, 0.3369,

0.3410

0.3848

437.3092, 0.3180,
0.3403

■ 1.6774, 0.3442,
0.4044

■ 0.4090, 0.4028,
0.5972

■ 84.5625, 0.3218,
0.3487

■ 84.5625, 0.3218,
0.3487

■ 82.5395, 0.3334,
0.3746

■ 86.7984, 0.3104,
0.3241

■ 80.7105, 0.3448,
0.4014

■ 88.3926, 0.3070,
0.3133

■ 79.0710, 0.3557,
0.4281

■ 89.3163, 0.3103,
0.3135

■ 77.6117, 0.3654,
0.4539

■ 90.2207, 0.3134,
0.3136

■ 76.3228, 0.3735,
0.4777

■ 75.1933, 0.3795,
0.4983

■ 74.2109, 0.3829,
0.5148

■ 73.3609, 0.3837,
0.5266

■ 72.6232, 0.3822,
0.5339

Harmonies

Analogous

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



84.5625, 0.3308, 0.3473



84.5625, 0.3218, 0.3487



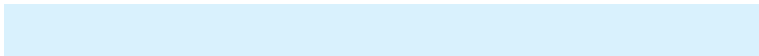
84.5625, 0.3105, 0.3446

Triad

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



84.5625, 0.3218, 0.3487



84.5625, 0.2910, 0.3166



84.5625, 0.3255, 0.3219

Complementary

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



84.5625, 0.3218, 0.3487



73.2599, 0.3032, 0.3089

Split Complementary

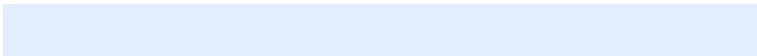
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5625, 0.3147, 0.3141



84.5625, 0.3218, 0.3487



84.5625, 0.2948, 0.3109

Square

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



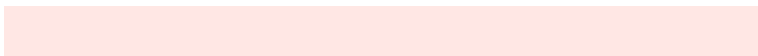
84.5625, 0.3218, 0.3487



84.5625, 0.2928, 0.3258



84.5625, 0.3034, 0.3101



84.5625, 0.3330, 0.3317

Rectangle

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



84.5625, 0.3218, 0.3487



84.5625, 0.3032, 0.3393



84.5625, 0.3034, 0.3101



84.5625, 0.3222, 0.3190

Sweetspot

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



84.5662, 0.3218, 0.3487



99.4715, 0.3150, 0.3339



76.7175, 0.3261, 0.3330



21.2966, 0.3149, 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.



84.5662, 0.3218, 0.3487



97.4550, 0.3242, 0.3540



83.0261, 0.3156, 0.3491



18.2802, 0.3235, 0.3526



40.1082, 0.3823, 0.5346



3.3783, 0.3874, 0.5306

Inverse Universe

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



73.2599, 0.3032, 0.3089



81.1812, 0.3005, 0.3033



74.7852, 0.3096, 0.3093



15.3901, 0.3012, 0.3048



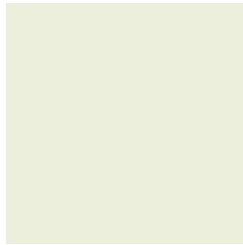
3.8732, 0.1609, 0.0660



0.3638, 0.1729, 0.0726

Previews

White Background



This preview shows how the Yxy color 84.5625, 0.3218, 0.3487 looks on a white background.

Color Contrast Check

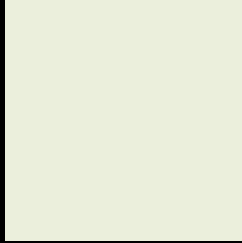
Large Text (above 18pt) WCAG AA × Fail

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 84.5625, 0.3218, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

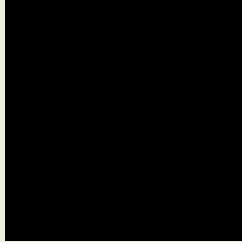
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

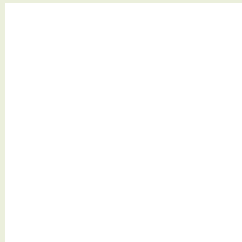
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5625, 0.3218, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 84.5625, 0.3218, 0.3487.

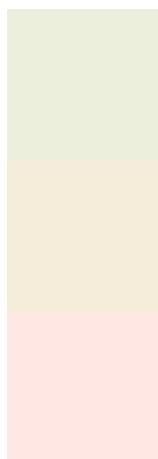


This preview shows how white text looks on a background with the Yxy color 84.5625, 0.3218, 0.3487.

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

84.5625, 0.3218, 0.3487

Protanopia

84.4653, 0.3302, 0.3473

Deuteranopia

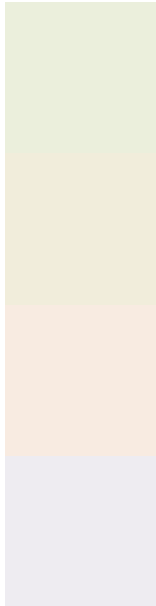
84.5747, 0.3311, 0.3330



Tritanopia

84.4628, 0.3050, 0.3101

Trichromacy



Original Color

84.5625, 0.3218, 0.3487

Protanomaly

84.3836, 0.3267, 0.3475

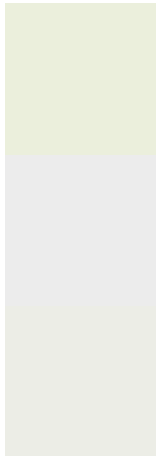
Deuteranomaly

84.8094, 0.3279, 0.3391

Tritanomaly

84.5189, 0.3110, 0.3239

Monochromacy



Original Color

84.5625, 0.3218, 0.3487

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.1144, 0.3164, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5625, 0.3218, 0.3487 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(235, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(235, 239, 220)  
}
```

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(235, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 239, 220) }
```

Border

The CSS property to change the border of an element to Yxy 84.5625, 0.3218, 0.3487 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(235, 239, 220) }
```

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

```
.border{ border-color:rgb(235, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 239,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5625, 0.3218, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 239, 220) }
```

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

```
.background{ background-color: rgb(235,  
239, 220) }
```

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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