

Converting Colors

$Yxy(82.1708, 0.3255, 0.3434)$

Have a look what the booklet for
Yxy(82.1708, 0.3255, 0.3434)
contains.

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Color

Yxy(82.3637, 0.3250, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	EFEADC
RGB	239, 234, 220
RGB Percent	94%, 92%, 86%
CMY	0.0629, 0.0823, 0.1373
CMYK	0.00, 0.02, 0.08, 0.06
HSL	44°, 37%, 90%
HSV	44°, 8%, 94%
XYZ	77.9278, 82.3637, 79.4864
YIQ	233.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

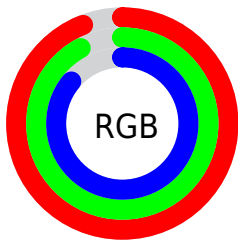
Format	Color
R _Y B	227, 239, 220
Decimal	15723228
CIE Lab	92.74, -0.71, 7.39
CIE LCh	93, 7.425, 95.506
Yxy	82.3637, 0.3250, 0.3435
Android (android.graphics.Color)	4293913308 (0xFFEFEADC)
YUV	233.8990, -6.8522, 4.4736
Hunter-Lab	90.7544, -5.5483, 11.5996

Details

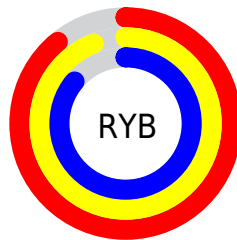
The Yxy color **82.3637, 0.3250, 0.3435** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2578, 0.3004, 0.3141**, and the grayscale version is **82.2461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6247, 0.3278, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **77.7029, 0.3417, 0.3625**, and if you desaturate by 10%, it is **87.3376, 0.3097, 0.3254**.

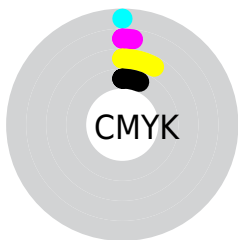
Distribution



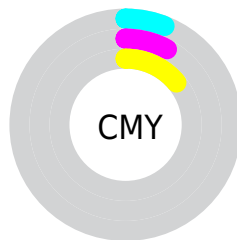
- Red (94%)
- Green (92%)
- Blue (86%)



- Red (89%)
- Yellow (94%)
- Blue (86%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3637, 0.3250, 0.3435 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 82.3637, 0.3250, 0.3435 by changing the saturation by 10% instead.

82.3637, 0.3250,
0.3435

82.3637, 0.3250,
0.3435

502.8634, 0.3194,
0.3369

61.6654, 0.3262,
0.3450

136.6839, 0.3231,
0.3412

44.7624, 0.3278,
0.3468

171.0746, 0.3223,
0.3404

31.2703, 0.3297,
0.3490

210.7982, 0.3217,
0.3396

20.8048, 0.3321,
0.3520

256.2390, 0.3211,
0.3389

12.9814, 0.3354,
0.3559

307.7816, 0.3206,
0.3383

7.4157, 0.3400,
0.3614

365.8103, 0.3202,

3.7234, 0.3470,

0.3378

0.3698

430.7094, 0.3198,
0.3373

■ 1.5201, 0.3586,
0.3839

■ 0.3028, 0.4717,
0.5283

■ 82.3637, 0.3250,
0.3435

■ 82.3637, 0.3250,
0.3435

■ 77.7029, 0.3417,
0.3625

■ 87.3376, 0.3097,
0.3254

■ 73.3354, 0.3596,
0.3819

■ 91.7719, 0.3030,
0.3206

■ 69.2554, 0.3784,
0.4011

■ 95.6377, 0.3029,
0.3267

■ 65.4528, 0.3977,
0.4193

■ 97.0856, 0.3029,
0.3290

■ 61.9166, 0.4167,
0.4355

■ 58.6346, 0.4345,
0.4486

■ 55.5933, 0.4504,
0.4576

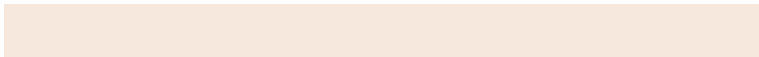
■ 52.7768, 0.4635,
0.4617

■ 50.1641, 0.4735,
0.4611

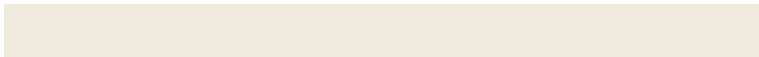
Harmonies

Analogous

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



82.3637, 0.3292, 0.3396



82.3637, 0.3250, 0.3435



82.3637, 0.3175, 0.3435

Triad

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



82.3637, 0.3250, 0.3435



82.3637, 0.2968, 0.3247



82.3637, 0.3164, 0.3189

Complementary

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



82.3637, 0.3250, 0.3435



75.2578, 0.3004, 0.3141

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.



82.3637, 0.3077, 0.3150



82.3637, 0.3250, 0.3435



82.3637, 0.2965, 0.3182

Square

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



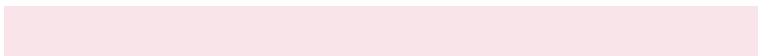
82.3637, 0.3250, 0.3435



82.3637, 0.3013, 0.3325



82.3637, 0.3005, 0.3147



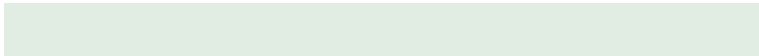
82.3637, 0.3242, 0.3255

Rectangle

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



82.3637, 0.3250, 0.3435



82.3637, 0.3118, 0.3412



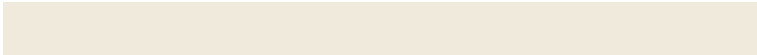
82.3637, 0.3005, 0.3147



82.3637, 0.3135, 0.3173

Sweetspot

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



82.3673, 0.3250, 0.3435



98.8300, 0.3157, 0.3326



74.9607, 0.3230, 0.3238



21.1660, 0.3156, 0.3324



0.0000, 0.0000, 0.0000



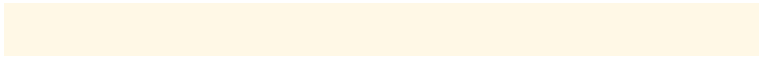
21.4041, 0.3127, 0.3290

Same Dimension

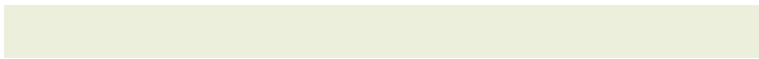
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3673, 0.3250, 0.3435



94.2944, 0.3284, 0.3474



84.4659, 0.3215, 0.3487



17.7205, 0.3275, 0.3464



27.6676, 0.4744, 0.4616



2.4620, 0.4655, 0.4686

Inverse Universe

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



75.2578, 0.3004, 0.3141



84.0385, 0.2971, 0.3099



73.3199, 0.3035, 0.3089



15.8991, 0.2980, 0.3110



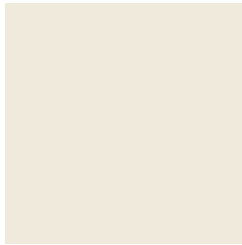
5.5489, 0.1587, 0.0911



0.6179, 0.1656, 0.1160

Previews

White Background



This preview shows how the Yxy color 82.3637, 0.3250, 0.3435 looks on a white background.

Color Contrast Check

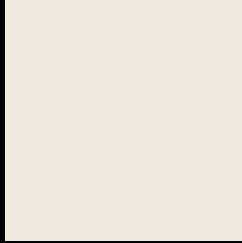
Large Text (above 18pt) WCAG AA × Fail

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 82.3637, 0.3250, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

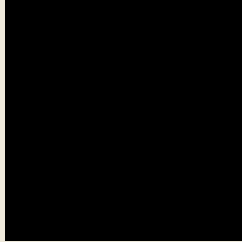
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

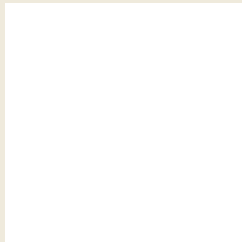
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3637, 0.3250, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 82.3637, 0.3250, 0.3435.

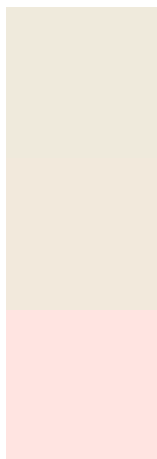


This preview shows how white text looks on a background with the Yxy color 82.3637, 0.3250, 0.3435.

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

82.3637, 0.3250, 0.3435

Protanopia

82.3224, 0.3272, 0.3424

Deuteranopia

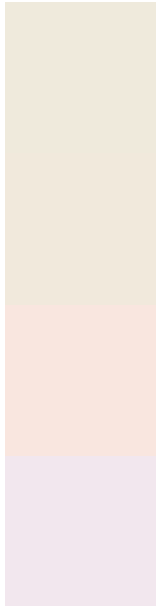
82.1830, 0.3336, 0.3321



Tritanopia

82.4256, 0.3102, 0.3110

Trichromacy



Original Color

82.3637, 0.3250, 0.3435

Protanomaly

82.1459, 0.3265, 0.3424

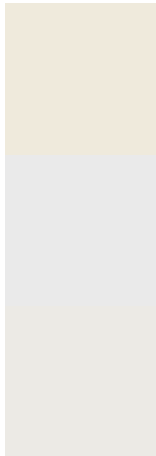
Deuteranomaly

82.0611, 0.3305, 0.3361

Tritanomaly

82.2021, 0.3158, 0.3219

Monochromacy



Original Color

82.3637, 0.3250, 0.3435

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.3356, 0.3172, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3637, 0.3250, 0.3435 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(239, 234, 220)` looks like.

```
.text, #text, p{  
    color:rgb(239, 234, 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(239, 234, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 234, 220) }
```

Border

The CSS property to change the border of an element to Yxy 82.3637, 0.3250, 0.3435 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(239, 234, 220) }
```

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

```
.border{ border-color:rgb(239, 234, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 234, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 234, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 234, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 234,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3637, 0.3250, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 234, 220) }
```

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

```
.background{ background-color: rgb(239,  
234, 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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