

Converting Colors

$Yxy(82.3707, 0.3208, 0.3473)$

Have a look what the booklet for
Yxy(82.3707, 0.3208, 0.3473)
contains.

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Color

Yxy(82.2612, 0.3206, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	E8ECDB
RGB	232, 236, 219
RGB Percent	91%, 93%, 86%
CMY	0.0904, 0.0744, 0.1411
CMYK	0.02, 0.00, 0.07, 0.07
HSL	74°, 31%, 89%
HSV	74°, 7%, 93%
XYZ	76.0465, 82.2612, 78.8930
YIQ	232.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

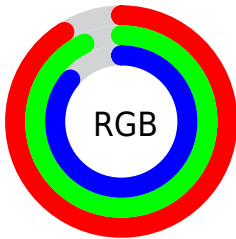
Format	Color
R _Y B	219, 236, 223
Decimal	15264987
CIE Lab	92.69, -4.31, 7.76
CIE LCh	93, 8.881, 119.066
Yxy	82.2612, 0.3206, 0.3468
Android (android.graphics.Color)	4293455067 (0xFFE8ECDB)
YUV	232.8660, -6.8359, -0.7595
Hunter-Lab	90.6980, -9.0565, 11.9156

Details

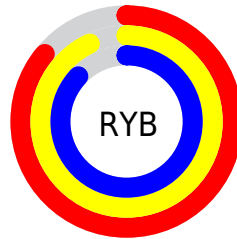
The Yxy color **82.2612, 0.3206, 0.3468** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.4278, 0.3045, 0.3109**, and the grayscale version is **81.4265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5530, 0.3221, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **80.1762, 0.3317, 0.3727**, and if you desaturate by 10%, it is **84.5601, 0.3097, 0.3223**.

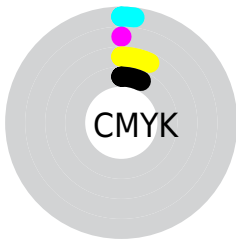
Distribution



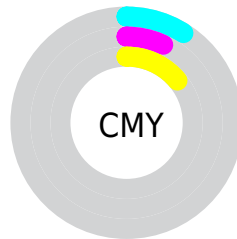
- Red (91%)
- Green (93%)
- Blue (86%)



- Red (86%)
- Yellow (93%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2612, 0.3206, 0.3468 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 82.2612, 0.3206, 0.3468 by changing the saturation by 10% instead.

82.2612, 0.3206,
0.3468

82.2612, 0.3206,
0.3468

502.5210, 0.3171,
0.3387

61.5809, 0.3214,
0.3486

136.5402, 0.3194,
0.3440

44.6941, 0.3223,
0.3509

170.9077, 0.3189,
0.3429

31.2166, 0.3235,
0.3537

210.6064, 0.3185,
0.3420

20.7638, 0.3251,
0.3574

256.0206, 0.3181,
0.3411

12.9515, 0.3271,
0.3624

307.5348, 0.3178,
0.3404

7.3951, 0.3299,
0.3694

365.5333, 0.3175,

3.7104, 0.3341,

0.3398

0.3803

430.4006, 0.3173,
0.3392

■ 1.5129, 0.3408,
0.3989

■ 0.2978, 0.3738,
0.6262

■ 82.2612, 0.3206,
0.3468

■ 82.2612, 0.3206,
0.3468

■ 80.1762, 0.3317,
0.3727

■ 84.5601, 0.3097,
0.3223

■ 78.2868, 0.3426,
0.3996

■ 86.3261, 0.3059,
0.3103

■ 76.5883, 0.3530,
0.4267

■ 87.3507, 0.3096,
0.3105

■ 75.0719, 0.3624,
0.4530

■ 88.4067, 0.3133,
0.3107

■ 73.7281, 0.3701,
0.4775

■ 88.4839, 0.3136,
0.3107

■ 72.5461, 0.3758,
0.4989

■ 71.5141, 0.3789,
0.5164

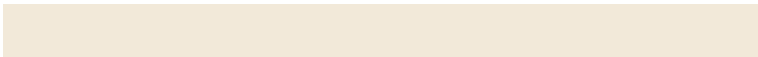
■ 70.6178, 0.3795,
0.5291

■ 69.8390, 0.3776,
0.5372

Harmonies

Analogous

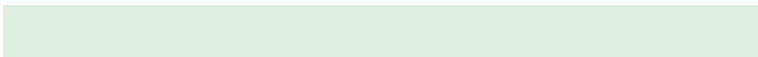
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2612, 0.3289, 0.3457



82.2612, 0.3206, 0.3468



82.2612, 0.3103, 0.3429

Triad

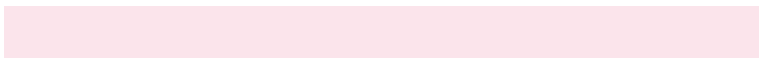
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2612, 0.3206, 0.3468



82.2612, 0.2930, 0.3175



82.2612, 0.3247, 0.3229

Complementary

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



82.2612, 0.3206, 0.3468



72.4278, 0.3045, 0.3109

Split Complementary

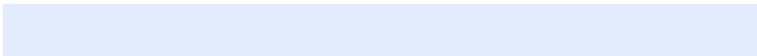
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2612, 0.3149, 0.3157



82.2612, 0.3206, 0.3468



82.2612, 0.2967, 0.3124

Square

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



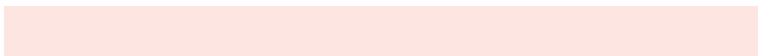
82.2612, 0.3206, 0.3468



82.2612, 0.2945, 0.3258



82.2612, 0.3047, 0.3118



82.2612, 0.3313, 0.3318

Rectangle

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



82.2612, 0.3206, 0.3468



82.2612, 0.3037, 0.3381



82.2612, 0.3047, 0.3118



82.2612, 0.3217, 0.3202

Sweetspot

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



82.2648, 0.3206, 0.3468



99.4445, 0.3149, 0.3339



75.7159, 0.3246, 0.3332



21.2911, 0.3148, 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.



82.2648, 0.3206, 0.3468



97.5796, 0.3226, 0.3514



80.8938, 0.3149, 0.3471



17.4343, 0.3231, 0.3525



38.4382, 0.3775, 0.5384



3.0619, 0.3836, 0.5336

Inverse Universe

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



72.4278, 0.3045, 0.3109



83.0618, 0.3022, 0.3060



73.7952, 0.3103, 0.3112



14.7234, 0.3017, 0.3049



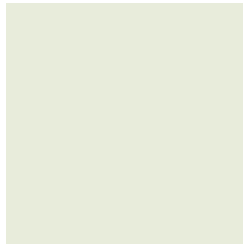
3.8614, 0.1636, 0.0675



0.3465, 0.1771, 0.0749

Previews

White Background



This preview shows how the Yxy color 82.2612, 0.3206, 0.3468 looks on a white background.

Color Contrast Check

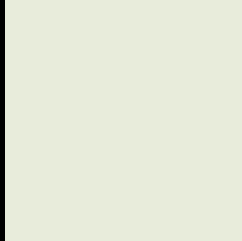
Large Text (above 18pt) WCAG AA × Fail

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 82.2612, 0.3206, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

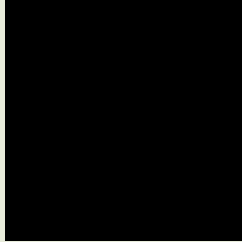
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

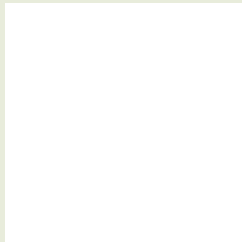
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2612, 0.3206, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 82.2612, 0.3206, 0.3468.

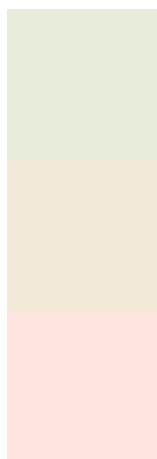


This preview shows how white text looks on a background with the Yxy color 82.2612, 0.3206, 0.3468.

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

82.2612, 0.3206, 0.3468

Protanopia

82.1648, 0.3292, 0.3455

Deuteranopia

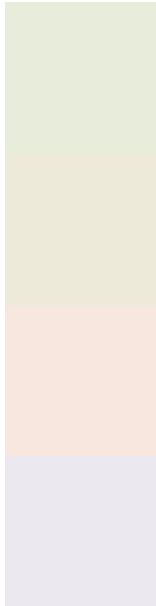
82.1286, 0.3343, 0.3331



Tritanopia

82.0585, 0.3049, 0.3098

Trichromacy



Original Color

82.2612, 0.3206, 0.3468

Protanomaly

82.0847, 0.3256, 0.3456

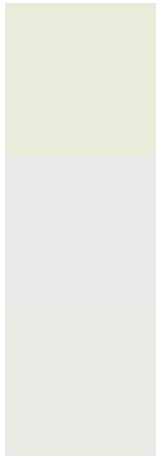
Deuteranomaly

82.1999, 0.3296, 0.3382

Tritanomaly

82.1720, 0.3103, 0.3229

Monochromacy



Original Color

82.2612, 0.3206, 0.3468

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.7707, 0.3158, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2612, 0.3206, 0.3468 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(232, 236, 219)` looks like.

```
.text, #text, p{  
    color:rgb(232, 236, 219)  
}
```

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(232, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 236, 219) }
```

Border

The CSS property to change the border of an element to Yxy 82.2612, 0.3206, 0.3468 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(232, 236, 219) }
```

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

```
.border{ border-color:rgb(232, 236, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 236, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 236, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 236, 219);  
box-shadow:4px 4px 4px 4px rgb(232, 236,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2612, 0.3206, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 236, 219) }
```

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

```
.background{ background-color: rgb(232,  
236, 219) }
```

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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