

Converting Colors

$Yxy(78.3629, 0.3193, 0.3494)$

Have a look what the booklet for
Yxy(78.3629, 0.3193, 0.3494)
contains.

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Color

Yxy(78.3646, 0.3193, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	E0E8D5
RGB	224, 232, 213
RGB Percent	88%, 91%, 84%
CMY	0.1215, 0.0902, 0.1647
CMYK	0.03, 0.00, 0.08, 0.09
HSL	85°, 29%, 87%
HSV	85°, 8%, 91%
XYZ	71.6137, 78.3646, 74.3051
YIQ	227.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

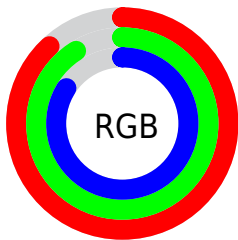
Format	Color
R_{YB}	213, 232, 221
Decimal	14739669
CIE Lab	90.95, -6.00, 8.31
CIE LCh	91, 10.246, 125.828
Yxy	78.3646, 0.3193, 0.3494
Android (android.graphics.Color)	4292929749 (0xFFE0E8D5)
YUV	227.4420, -7.1199, -3.0186
Hunter-Lab	88.5238, -10.5143, 12.1998

Details

The Yxy color **78.3646, 0.3193, 0.3494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7861, 0.3057, 0.3085**, and the grayscale version is **77.2115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9543, 0.3213, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **75.7610, 0.3273, 0.3761**, and if you desaturate by 10%, it is **81.2326, 0.3113, 0.3247**.

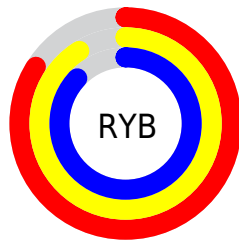
Distribution



Red (88%)

Green (91%)

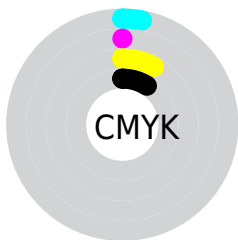
Blue (84%)



Red (84%)

Yellow (91%)

Blue (87%)

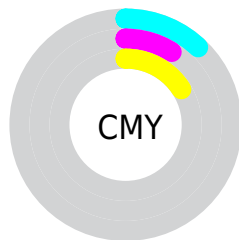


Cyan (3%)

Magenta (0%)

Yellow (8%)

Black (9%)



Cyan (12%)

Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.3646, 0.3193, 0.3494 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 78.3646, 0.3193, 0.3494 by changing the saturation by 10% instead.

■ 78.3646, 0.3193,
0.3494

■ 78.3646, 0.3193,
0.3494

489.4042, 0.3163,
0.3400

■ 58.3735, 0.3200,
0.3515

131.0640, 0.3183,
0.3461

■ 42.1090, 0.3208,
0.3542

164.5411, 0.3179,
0.3449

■ 29.1867, 0.3218,
0.3576

203.2823, 0.3175,
0.3438

■ 19.2221, 0.3230,
0.3620

247.6720, 0.3172,
0.3428

■ 11.8309, 0.3247,
0.3680

298.0947, 0.3170,
0.3420

■ 6.6286, 0.3271,
0.3766

354.9347, 0.3167,

■ 3.2309, 0.3305,

0.3412

0.3902

418.5764, 0.3165,
0.3406

■ 1.2535, 0.3378,
0.4167

■ 0.1047, 0.0000,
1.0000

■ 78.3646, 0.3193,
0.3494

■ 78.3646, 0.3193,
0.3494

■ 75.7610, 0.3273,
0.3761

■ 81.2326, 0.3113,
0.3247

■ 73.4031, 0.3351,
0.4042

■ 84.0759, 0.3061,
0.3063

■ 71.2851, 0.3422,
0.4333

■ 85.8593, 0.3126,
0.3067

■ 69.3972, 0.3482,
0.4622

■ 86.1920, 0.3138,
0.3068

■ 67.7288, 0.3526,
0.4897

■ 66.2682, 0.3550,
0.5144

■ 65.0024, 0.3550,
0.5350

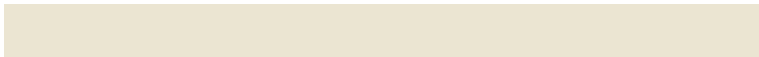
■ 63.9161, 0.3526,
0.5506

■ 62.9886, 0.3481,
0.5609

Harmonies

Analogous

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



78.3646, 0.3298, 0.3494



78.3646, 0.3193, 0.3494



78.3646, 0.3072, 0.3436

Triad

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



78.3646, 0.3193, 0.3494



78.3646, 0.2901, 0.3137



78.3646, 0.3289, 0.3241

Complementary

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



78.3646, 0.3193, 0.3494



68.7861, 0.3057, 0.3085

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.



78.3646, 0.3180, 0.3150



78.3646, 0.3193, 0.3494



78.3646, 0.2957, 0.3090

Square

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



78.3646, 0.3193, 0.3494



78.3646, 0.2905, 0.3227



78.3646, 0.3058, 0.3095



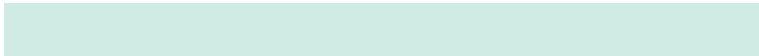
78.3646, 0.3355, 0.3346

Rectangle

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



78.3646, 0.3193, 0.3494



78.3646, 0.2998, 0.3373



78.3646, 0.3058, 0.3095



78.3646, 0.3256, 0.3208

Sweetspot

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



78.3680, 0.3193, 0.3494



99.2721, 0.3143, 0.3339



73.6301, 0.3260, 0.3375



21.2560, 0.3142, 0.3336



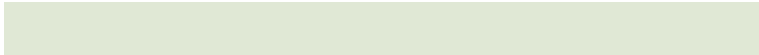
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



78.3680, 0.3193, 0.3494



96.4915, 0.3208, 0.3542



76.9013, 0.3128, 0.3498



16.5001, 0.3203, 0.3527



34.9583, 0.3483, 0.5616



2.6376, 0.3584, 0.5536

Inverse Universe

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



68.7861, 0.3057, 0.3085



82.0964, 0.3040, 0.3036



70.3094, 0.3125, 0.3089



14.1812, 0.3046, 0.3052



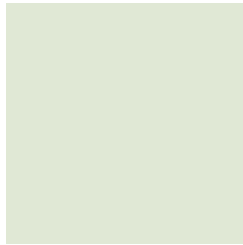
4.7270, 0.1880, 0.0809



0.4029, 0.2043, 0.0899

Previews

White Background



This preview shows how the Yxy color 78.3646, 0.3193, 0.3494 looks on a white background.

Color Contrast Check

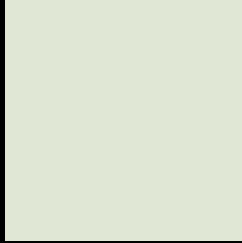
Large Text (above 18pt) WCAG AA × Fail

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 78.3646, 0.3193, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

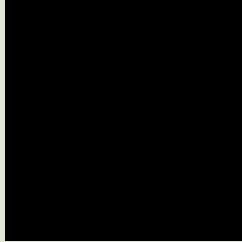
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

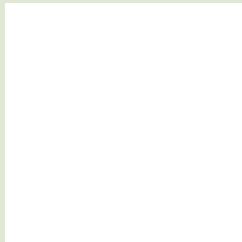
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3646, 0.3193, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 78.3646, 0.3193, 0.3494.

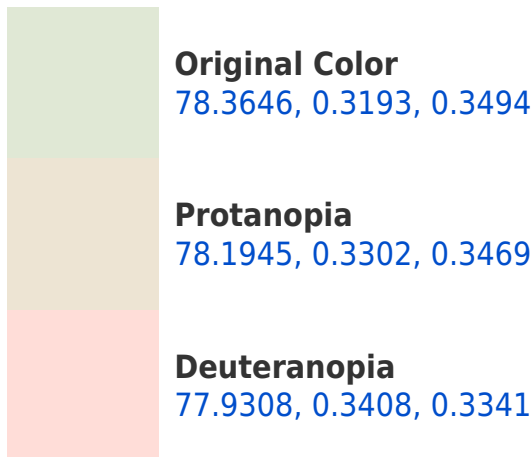


This preview shows how white text looks on a background with the Yxy color 78.3646, 0.3193, 0.3494.

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

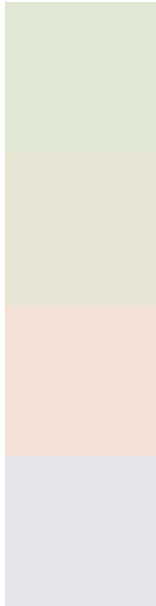




Tritanopia

78.1888, 0.3027, 0.3104

Trichromacy



Original Color

78.3646, 0.3193, 0.3494

Protanomaly

77.9479, 0.3258, 0.3470

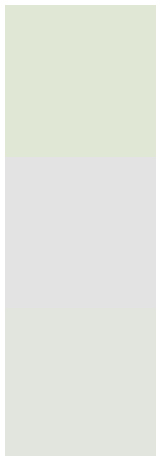
Deuteranomaly

77.9898, 0.3329, 0.3394

Tritanomaly

78.2527, 0.3088, 0.3248

Monochromacy



Original Color

78.3646, 0.3193, 0.3494

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.4813, 0.3151, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3646, 0.3193, 0.3494 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(224, 232, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 232, 213)  
}
```

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(224, 232, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 232, 213) }
```

Border

The CSS property to change the border of an element to Yxy 78.3646, 0.3193, 0.3494 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(224, 232, 213) }
```

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

```
.border{ border-color:rgb(224, 232, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 232, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 232, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 232, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 232,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3646, 0.3193, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 232, 213) }
```

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

```
.background{ background-color: rgb(224,  
232, 213) }
```

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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