

Converting Colors

$Yxy(76.6840, 0.3302, 0.3598)$

Have a look what the booklet for
Yxy(76.6840, 0.3302, 0.3598)
contains.

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Color

Yxy(76.7496, 0.3302, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	E4E5C9
RGB	228, 229, 201
RGB Percent	89%, 90%, 79%
CMY	0.1060, 0.1019, 0.2117
CMYK	0.00, 0.00, 0.12, 0.10
HSL	62°, 35%, 84%
HSV	62°, 12%, 90%
XYZ	70.5532, 76.7496, 66.3653
YIQ	225.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

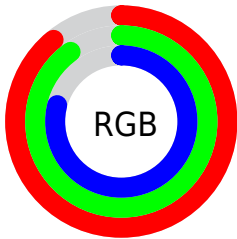
Format	Color
R_{YB}	201, 229, 202
Decimal	15001033
CIE _{Lab}	90.21, -5.07, 13.54
CIE _{LCh}	90, 14.458, 110.511
Yxy	76.7496, 0.3302, 0.3592
Android (android.graphics.Color)	4293191113 (0xFFE4E5C9)
YUV	225.5090, -12.0829, 2.1846
Hunter-Lab	87.6068, -9.5590, 16.4105

Details

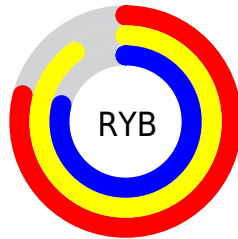
The Yxy color **76.7496, 0.3302, 0.3592** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.0044, 0.2941, 0.2971**, and the grayscale version is **75.7653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1493, 0.3337, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **75.6163, 0.3448, 0.3846**, and if you desaturate by 10%, it is **78.0510, 0.3158, 0.3344**.

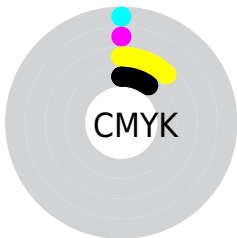
Distribution



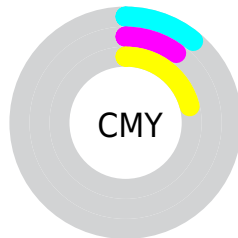
- Red (89%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.7496, 0.3302, 0.3592 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 76.7496, 0.3302, 0.3592 by changing the saturation by 10% instead.

■ 76.7496, 0.3302,
0.3592

■ 76.7496, 0.3302,
0.3592

483.9099, 0.3223,
0.3452

■ 57.0474, 0.3320,
0.3624

128.7860, 0.3275,
0.3543

■ 41.0433, 0.3342,
0.3663

161.8889, 0.3264,
0.3525

■ 28.3529, 0.3369,
0.3714

200.2275, 0.3255,
0.3508

■ 18.5919, 0.3404,
0.3779

244.1862, 0.3247,
0.3494

■ 11.3757, 0.3451,
0.3868

294.1494, 0.3240,
0.3482

■ 6.3202, 0.3516,
0.3996

350.5015, 0.3233,

■ 3.0407, 0.3611,

0.3471

0.4195

413.6268, 0.3228,
0.3461

■ 1.1530, 0.3993,
0.4821

■ 0.0228, 0.0000,
1.0000

■ 76.7496, 0.3302,
0.3592

■ 76.7496, 0.3302,
0.3592

■ 75.6163, 0.3448,
0.3846

■ 78.0510, 0.3158,
0.3344

■ 74.6339, 0.3592,
0.4098

■ 79.5170, 0.3020,
0.3107

■ 73.7982, 0.3728,
0.4340

■ 80.1724, 0.2977,
0.3026

■ 73.1009, 0.3852,
0.4561

■ 80.3129, 0.2982,
0.3026

72.5329, 0.3956,
0.4752

80.4541, 0.2988,
0.3027

72.0841, 0.4037,
0.4904

80.5960, 0.2993,
0.3027

71.7426, 0.4091,
0.5012

80.7385, 0.2999,
0.3028

71.4945, 0.4120,
0.5077

80.8817, 0.3004,
0.3028

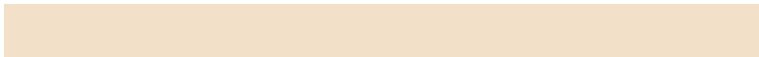
71.3484, 0.4128,
0.5104

81.0256, 0.3010,
0.3028

Harmonies

Analogous

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



76.7496, 0.3424, 0.3547



76.7496, 0.3302, 0.3592



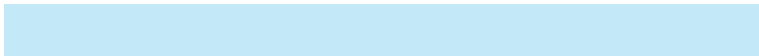
76.7496, 0.3135, 0.3552

Triad

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



76.7496, 0.3302, 0.3592



76.7496, 0.2800, 0.3130



76.7496, 0.3283, 0.3151

Complementary

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



76.7496, 0.3302, 0.3592



60.0044, 0.2941, 0.2971

Split Complementary

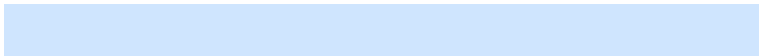
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7496, 0.3112, 0.3046



76.7496, 0.3302, 0.3592



76.7496, 0.2836, 0.3031

Square

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



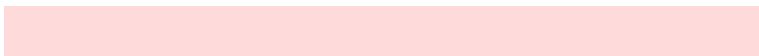
76.7496, 0.3302, 0.3592



76.7496, 0.2848, 0.3278



76.7496, 0.2949, 0.3002



76.7496, 0.3414, 0.3291

Rectangle

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



76.7496, 0.3302, 0.3592



76.7496, 0.3021, 0.3481



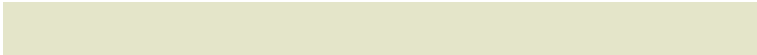
76.7496, 0.2949, 0.3002



76.7496, 0.3228, 0.3110

Sweetspot

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



76.7530, 0.3302, 0.3592



99.2891, 0.3184, 0.3388



63.0969, 0.3347, 0.3301



21.2242, 0.3195, 0.3406



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.



76.7530, 0.3302, 0.3592



97.5102, 0.3344, 0.3665



74.5711, 0.3203, 0.3601



16.7887, 0.3262, 0.3523



40.8013, 0.4129, 0.5103



3.0236, 0.4139, 0.5095

Inverse Universe

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



60.0044, 0.2941, 0.2971



71.6471, 0.2893, 0.2888



62.0316, 0.3043, 0.2980



13.9124, 0.2986, 0.3047



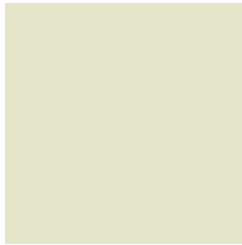
3.2770, 0.1512, 0.0606



0.2512, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 76.7496, 0.3302, 0.3592 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 76.7496, 0.3302, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

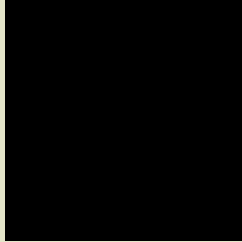
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

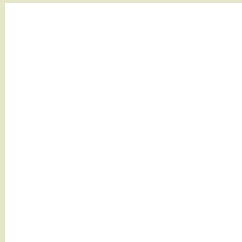
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.7496, 0.3302, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 76.7496, 0.3302, 0.3592.



This preview shows how white text looks on a background with the Yxy color 76.7496, 0.3302, 0.3592.

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

76.7496, 0.3302, 0.3592

Protanopia

76.5674, 0.3379, 0.3566

Deuteranopia

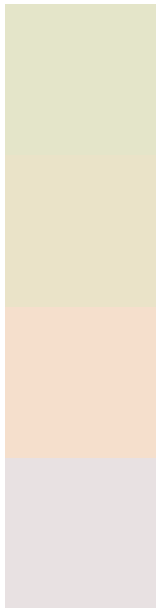
76.3308, 0.3490, 0.3433



Tritanopia

76.6187, 0.3087, 0.3104

Trichromacy



Original Color

76.7496, 0.3302, 0.3592

Protanomaly

76.6007, 0.3355, 0.3578

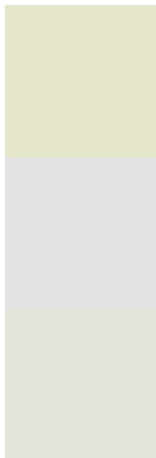
Deuteranomaly

76.5475, 0.3415, 0.3488

Tritanomaly

76.4972, 0.3170, 0.3280

Monochromacy



Original Color

76.7496, 0.3302, 0.3592

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2788, 0.3192, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7496, 0.3302, 0.3592 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(228, 229, 201)` looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 201)  
}
```

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(228, 229, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 201) }
```

Border

The CSS property to change the border of an element to Yxy 76.7496, 0.3302, 0.3592 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(228, 229, 201) }
```

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

```
.border{ border-color:rgb(228, 229, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 229, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 201);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7496, 0.3302, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 201) }
```

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

```
.background{ background-color: rgb(228,  
229, 201) }
```

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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