

Converting Colors

$Yxy(76.2937, 0.3247, 0.3551)$

Have a look what the booklet for
Yxy(76.2937, 0.3247, 0.3551)
contains.

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Color

Yxy(76.2937, 0.3247, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	E0E5CD
RGB	224, 229, 205
RGB Percent	88%, 90%, 80%
CMY	0.1218, 0.1019, 0.1961
CMYK	0.02, 0.00, 0.10, 0.10
HSL	73°, 32%, 85%
HSV	73°, 10%, 90%
XYZ	69.7622, 76.2937, 68.7954
YIQ	224.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

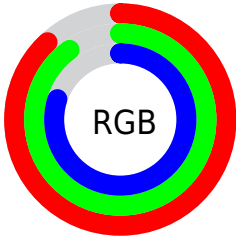
Format	Color
R _Y B	205, 229, 210
Decimal	14738893
CIE Lab	90.00, -5.86, 11.13
CIE LCh	90, 12.579, 117.744
Yxy	76.2937, 0.3247, 0.3551
Android (android.graphics.Color)	4292928973 (0xFFE0E5CD)
YUV	224.7690, -9.7461, -0.6744
Hunter-Lab	87.3463, -10.2906, 14.4446

Details

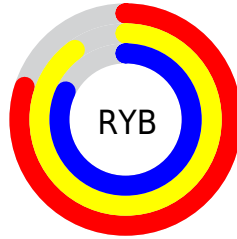
The Yxy color **76.2937, 0.3247, 0.3551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0261, 0.2999, 0.3021**, and the grayscale version is **75.1840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9415, 0.3274, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **74.5071, 0.3362, 0.3812**, and if you desaturate by 10%, it is **78.2709, 0.3133, 0.3302**.

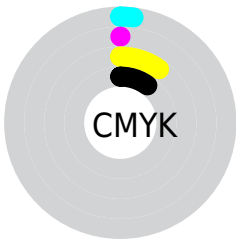
Distribution



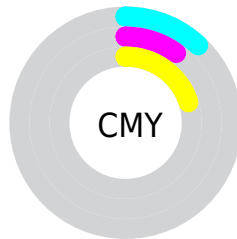
- Red (88%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2937, 0.3247, 0.3551 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 76.2937, 0.3247, 0.3551 by changing the saturation by 10% instead.

■ 76.2937, 0.3247,
0.3551

■ 76.2937, 0.3247,
0.3551

482.3525, 0.3193,
0.3430

■ 56.6734, 0.3259,
0.3579

128.1420, 0.3228,
0.3509

■ 40.7431, 0.3274,
0.3613

161.1387, 0.3221,
0.3493

■ 28.1184, 0.3293,
0.3657

199.3631, 0.3215,
0.3478

■ 18.4149, 0.3317,
0.3714

243.1994, 0.3209,
0.3466

■ 11.2483, 0.3348,
0.3792

293.0321, 0.3204,
0.3455

■ 6.2341, 0.3393,
0.3906

349.2456, 0.3200,

■ 2.9879, 0.3459,

0.3446

0.4084

412.2243, 0.3196,
0.3437

■ 1.1254, 0.3698,
0.4570

■ 0.0000, 0.0000,
0.0000

■ 76.2937, 0.3247,
0.3551

■ 76.2937, 0.3247,
0.3551

■ 74.5071, 0.3362,
0.3812

■ 78.2709, 0.3133,
0.3302

■ 72.8940, 0.3476,
0.4080


■ 80.4356, 0.3022,
0.3069


■ 71.4501, 0.3582,
0.4345

■ 81.5344, 0.3029,
0.3030

■ 70.1669, 0.3676,
0.4599


■ 82.3875, 0.3061,
0.3033

 69.0353, 0.3752,
0.4830

 83.2635, 0.3093,
0.3035


 68.0453, 0.3805,
0.5026

 84.1624, 0.3126,
0.3038

 67.1852, 0.3834,
0.5180

 84.5332, 0.3139,
0.3039

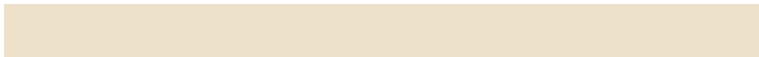
 66.4412, 0.3836,
0.5286

 65.8196, 0.3818,
0.5350

Harmonies

Analogous

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



76.2937, 0.3366, 0.3530



76.2937, 0.3247, 0.3551



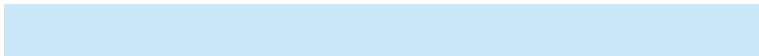
76.2937, 0.3098, 0.3498

Triad

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



76.2937, 0.3247, 0.3551



76.2937, 0.2842, 0.3126



76.2937, 0.3295, 0.3196

Complementary

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



76.2937, 0.3247, 0.3551



63.0261, 0.2999, 0.3021

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.



76.2937, 0.3151, 0.3094



76.2937, 0.3247, 0.3551



76.2937, 0.2891, 0.3052

Square

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



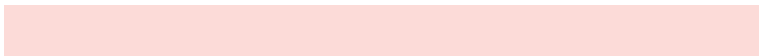
76.2937, 0.3247, 0.3551



76.2937, 0.2866, 0.3247



76.2937, 0.3004, 0.3042



76.2937, 0.3395, 0.3323

Rectangle

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



76.2937, 0.3247, 0.3551



76.2937, 0.3002, 0.3427



76.2937, 0.3004, 0.3042



76.2937, 0.3250, 0.3158

Sweetspot

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



76.2970, 0.3247, 0.3551



99.2111, 0.3161, 0.3363



67.0599, 0.3307, 0.3343



21.1909, 0.3170, 0.3383



0.0000, 0.0000, 0.0000



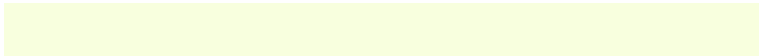
21.4041, 0.3127, 0.3290

Same Dimension

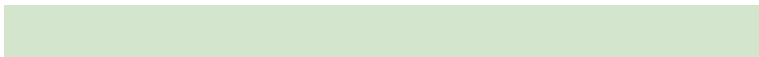
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2970, 0.3247, 0.3551



96.7387, 0.3277, 0.3617



74.4864, 0.3164, 0.3558



16.6551, 0.3235, 0.3524



37.6765, 0.3824, 0.5346



2.8228, 0.3881, 0.5301

Inverse Universe

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



63.0261, 0.2999, 0.3021



76.0196, 0.2965, 0.2950



64.8136, 0.3086, 0.3028



14.0335, 0.3013, 0.3049



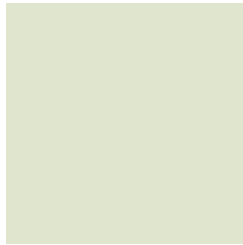
3.6428, 0.1610, 0.0661



0.3088, 0.1747, 0.0736

Previews

White Background



This preview shows how the Yxy color 76.2937, 0.3247, 0.3551 looks on a white background.

Color Contrast Check

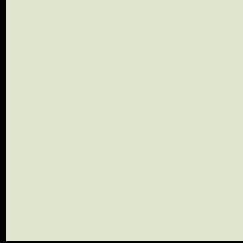
Large Text (above 18pt) WCAG AA × Fail

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 76.2937, 0.3247, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

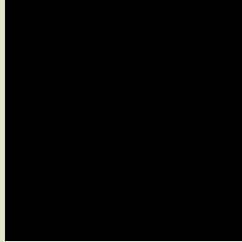
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

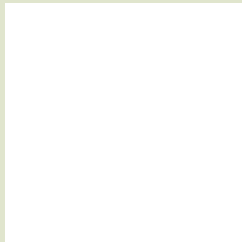
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2937, 0.3247, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 76.2937, 0.3247, 0.3551.

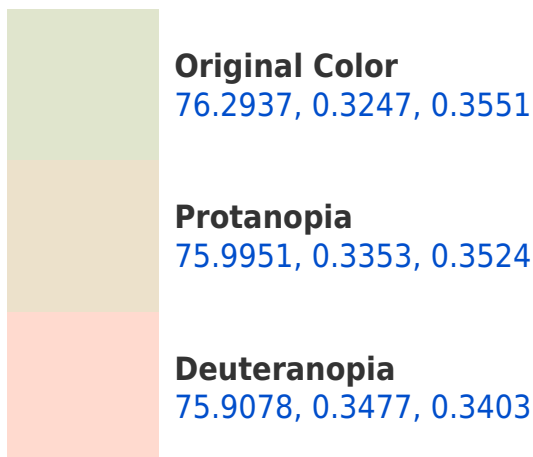


This preview shows how white text looks on a background with the Yxy color 76.2937, 0.3247, 0.3551.

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

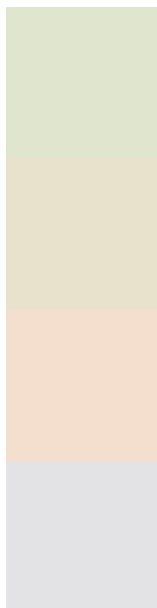




Tritanopia

76.3202, 0.3053, 0.3113

Trichromacy



Original Color

76.2937, 0.3247, 0.3551

Protanomaly

75.9082, 0.3315, 0.3526

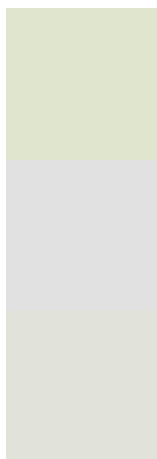
Deuteranomaly

75.9319, 0.3395, 0.3457

Tritanomaly

76.3250, 0.3121, 0.3269

Monochromacy



Original Color

76.2937, 0.3247, 0.3551

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4622, 0.3172, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2937, 0.3247, 0.3551 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, 229, 205)` looks like.

```
.text, #text, p{  
    color:rgb(224, 229, 205)  
}
```

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, 229, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 229, 205) }
```

Border

The CSS property to change the border of an element to Yxy 76.2937, 0.3247, 0.3551 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, 229, 205) }
```

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

```
.border{ border-color:rgb(224, 229, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 229, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 229, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 229, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 229,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2937, 0.3247, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 229, 205) }
```

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

```
.background{ background-color: rgb(224,  
229, 205) }
```

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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