

Converting Colors

$Yxy(76.0567, 0.3300, 0.3503)$

Have a look what the booklet for
Yxy(76.0567, 0.3300, 0.3503)
contains.

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Color

Yxy(76.0047, 0.3302, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	E8E2CE
RGB	232, 226, 206
RGB Percent	91%, 89%, 81%
CMY	0.0901, 0.1137, 0.1922
CMYK	0.00, 0.03, 0.11, 0.09
HSL	46°, 36%, 86%
HSV	46°, 11%, 91%
XYZ	71.6232, 76.0047, 69.2805
YIQ	225.5140, 9.9960, -4.9480

Conversions

Conversions Part 2

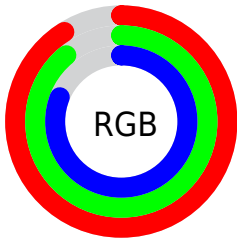
Format	Color
R _Y B	214, 232, 206
Decimal	15262414
CIE Lab	89.86, -1.30, 10.50
CIE LCh	90, 10.580, 97.074
Yxy	76.0047, 0.3302, 0.3504
Android (android.graphics.Color)	4293452494 (0xFFE8E2CE)
YUV	225.5140, -9.6204, 5.6882
Hunter-Lab	87.1807, -5.9198, 13.9100

Details

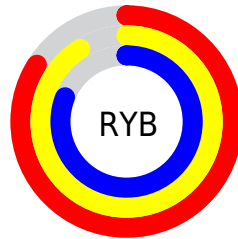
The Yxy color **76.0047, 0.3302, 0.3504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0514, 0.2951, 0.3067**, and the grayscale version is **75.7542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6229, 0.3337, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **72.0811, 0.3471, 0.3702**, and if you desaturate by 10%, it is **80.1933, 0.3145, 0.3313**.

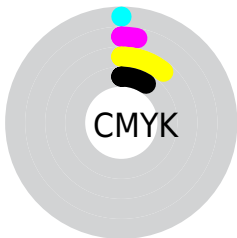
Distribution



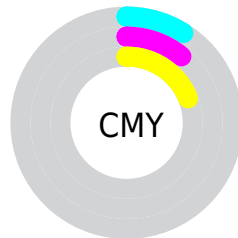
- Red (91%)
- Green (89%)
- Blue (81%)



- Red (84%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0047, 0.3302, 0.3504 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 76.0047, 0.3302, 0.3504 by changing the saturation by 10% instead.

■ 76.0047, 0.3302,
0.3504

■ 76.0047, 0.3302,
0.3504

481.3638, 0.3222,
0.3405

■ 56.4364, 0.3320,
0.3526

127.7336, 0.3274,
0.3470

■ 40.5529, 0.3342,
0.3554

160.6629, 0.3264,
0.3457

■ 27.9699, 0.3371,
0.3589

198.8146, 0.3254,
0.3445

■ 18.3030, 0.3407,
0.3635

242.5732, 0.3246,
0.3435

■ 11.1677, 0.3457,
0.3696

292.3230, 0.3239,
0.3426

■ 6.1798, 0.3527,
0.3785

348.4484, 0.3233,

■ 2.9547, 0.3634,

0.3419

0.3922

411.3339, 0.3227,
0.3412

■ 1.1081, 0.3942,
0.4296

■ 0.0000, 0.0000,
0.0000

■ 76.0047, 0.3302,
0.3504

■ 76.0047, 0.3302,
0.3504

■ 72.0811, 0.3471,
0.3702

■ 80.1933, 0.3145,
0.3313

■ 68.4045, 0.3649,
0.3903

■ 84.6446, 0.3002,
0.3132

■ 64.9695, 0.3834,
0.4099

■ 87.9704, 0.2987,
0.3161

■ 61.7667, 0.4019,
0.4281

■ 91.2239, 0.2987,
0.3215

■ 58.7862, 0.4196,
0.4438

■ 94.5726, 0.2988,
0.3269

■ 56.0165, 0.4358,
0.4561

■ 95.9020, 0.2988,
0.3290

■ 53.4449, 0.4497,
0.4641

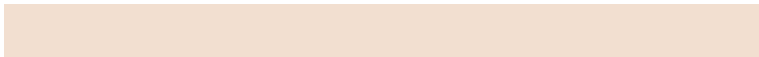
■ 51.0562, 0.4607,
0.4672

■ 49.0896, 0.4681,
0.4665

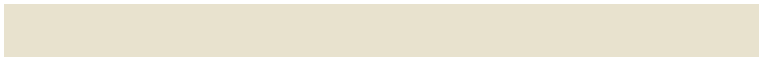
Harmonies

Analogous

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



76.0047, 0.3367, 0.3448



76.0047, 0.3302, 0.3504



76.0047, 0.3191, 0.3502

Triad

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



76.0047, 0.3302, 0.3504



76.0047, 0.2894, 0.3220



76.0047, 0.3188, 0.3148

Complementary

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



76.0047, 0.3302, 0.3504



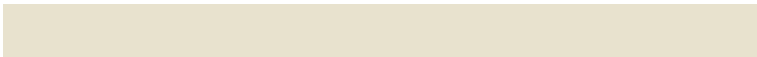
66.0514, 0.2951, 0.3067

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.



76.0047, 0.3060, 0.3088



76.0047, 0.3302, 0.3504



76.0047, 0.2893, 0.3127

Square

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



76.0047, 0.3302, 0.3504



76.0047, 0.2956, 0.3335



76.0047, 0.2953, 0.3080



76.0047, 0.3300, 0.3243

Rectangle

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



76.0047, 0.3302, 0.3504



76.0047, 0.3106, 0.3466



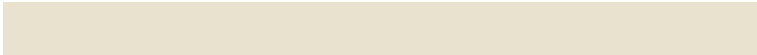
76.0047, 0.2953, 0.3080



76.0047, 0.3145, 0.3123

Sweetspot

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



76.0080, 0.3302, 0.3504



98.3902, 0.3173, 0.3346



66.0567, 0.3283, 0.3225



20.9685, 0.3185, 0.3362



0.0000, 0.0000, 0.0000



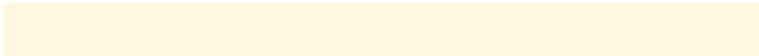
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0080, 0.3302, 0.3504



93.2379, 0.3332, 0.3540



78.2119, 0.3245, 0.3571



16.2206, 0.3273, 0.3469



27.4436, 0.4671, 0.4673



2.1661, 0.4587, 0.4740

Inverse Universe

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



66.0514, 0.2951, 0.3067



79.0632, 0.2921, 0.3027



64.1027, 0.3000, 0.3002



14.4269, 0.2980, 0.3104



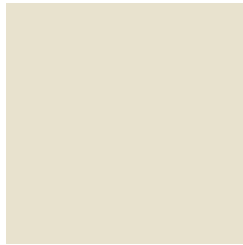
4.8483, 0.1571, 0.0857



0.4978, 0.1647, 0.1128

Previews

White Background



This preview shows how the Yxy color 76.0047, 0.3302, 0.3504 looks on a white background.

Color Contrast Check

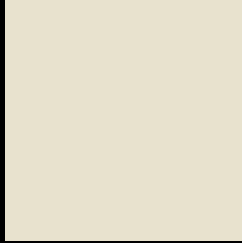
Large Text (above 18pt) WCAG AA × Fail

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 76.0047, 0.3302, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

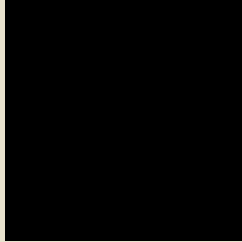
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

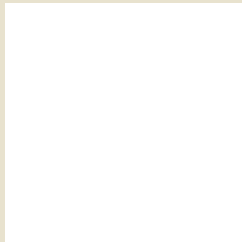
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0047, 0.3302, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 76.0047, 0.3302, 0.3504.

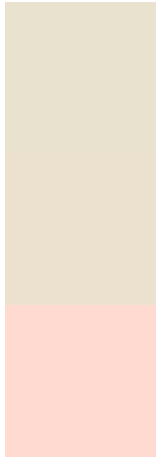


This preview shows how white text looks on a background with the Yxy color 76.0047, 0.3302, 0.3504.

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

76.0047, 0.3302, 0.3504

Protanopia

75.9688, 0.3325, 0.3492

Deuteranopia

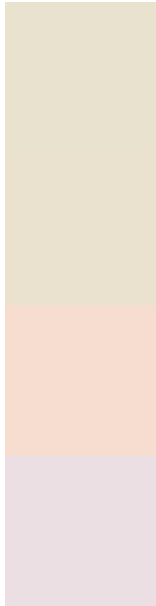
75.9569, 0.3470, 0.3393



Tritanopia

75.9494, 0.3122, 0.3105

Trichromacy



Original Color

76.0047, 0.3302, 0.3504

Protanomaly

75.7991, 0.3317, 0.3493

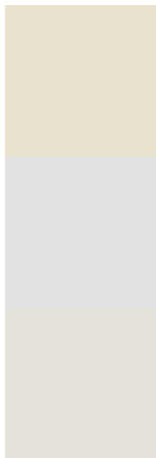
Deuteranomaly

75.9921, 0.3412, 0.3436

Tritanomaly

75.9836, 0.3186, 0.3248

Monochromacy



Original Color

76.0047, 0.3302, 0.3504

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0012, 0.3187, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0047, 0.3302, 0.3504 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, 226, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 206)  
}
```

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, 226, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 206) }
```

Border

The CSS property to change the border of an element to Yxy 76.0047, 0.3302, 0.3504 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, 226, 206) }
```

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

```
.border{ border-color:rgb(232, 226, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0047, 0.3302, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 206) }
```

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

```
.background{ background-color: rgb(232,  
226, 206) }
```

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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