

Converting Colors

$Yxy(75.9688, 0.3325, 0.3492)$

Have a look what the booklet for
Yxy(75.9688, 0.3325, 0.3492)
contains.

Yxy(75.9688, 0.3325, 0.3492)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.9688, 0.3325, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	EBE1CE
RGB	235, 225, 206
RGB Percent	92%, 88%, 81%
CMY	0.0783, 0.1177, 0.1921
CMYK	0.00, 0.04, 0.12, 0.08
HSL	39°, 42%, 86%
HSV	39°, 12%, 92%
XYZ	72.3357, 75.9688, 69.2465
YIQ	225.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

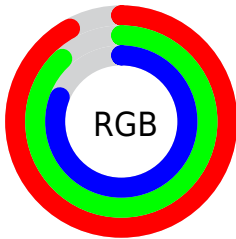
Format	Color
RYB	221, 235, 206
Decimal	15458766
CIELab	89.84, 0.27, 10.50
CIElCh	90, 10.502, 88.511
Yxy	75.9688, 0.3325, 0.3492
Android (android.graphics.Color)	4293648846 (0xFFEBE1CE)
YUV	225.8240, -9.7732, 8.0474
Hunter-Lab	87.1601, -4.3898, 13.9077

Details

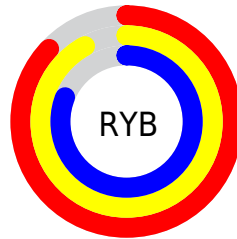
The Yxy color **75.9688, 0.3325, 0.3492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2592, 0.2934, 0.3080**, and the grayscale version is **75.9902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6002, 0.3367, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **70.6223, 0.3504, 0.3664**, and if you desaturate by 10%, it is **81.7021, 0.3163, 0.3327**.

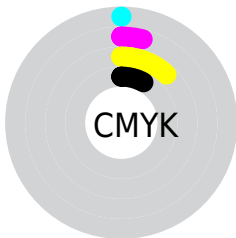
Distribution



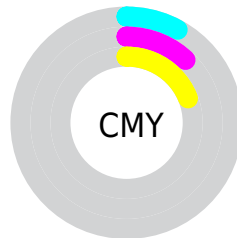
- Red (92%)
- Green (88%)
- Blue (81%)



- Red (87%)
- Yellow (92%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9688, 0.3325, 0.3492 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 75.9688, 0.3325, 0.3492 by changing the saturation by 10% instead.

75.9688, 0.3325,
0.3492

75.9688, 0.3325,
0.3492

481.2409, 0.3234,
0.3399

56.4069, 0.3346,
0.3513

127.6828, 0.3294,
0.3460

40.5293, 0.3371,
0.3539

160.6037, 0.3281,
0.3447

27.9515, 0.3403,
0.3572

198.7464, 0.3271,
0.3437

18.2891, 0.3445,
0.3614

242.4954, 0.3262,
0.3427

11.1577, 0.3501,
0.3671

292.2349, 0.3253,
0.3419

6.1730, 0.3582,
0.3753

348.3494, 0.3246,

2.9506, 0.3706,

0.3412

0.3878

411.2232, 0.3240,
0.3405

■ 1.1060, 0.4045,
0.4225

■ 0.0000, 0.0000,
0.0000

■ 75.9688, 0.3325,
0.3492

■ 75.9688, 0.3325,
0.3492

■ 70.6223, 0.3504,
0.3664

■ 81.7021, 0.3163,
0.3327

■ 65.6421, 0.3699,
0.3838

■ 87.8222, 0.3017,
0.3172

■ 61.0206, 0.3907,
0.4008

■ 92.8774, 0.3006,
0.3234

■ 56.7459, 0.4122,
0.4166

■ 96.4082, 0.3006,
0.3290

■ 52.8052, 0.4338,
0.4300

■ 49.1846, 0.4544,
0.4400

■ 45.8682, 0.4728,
0.4453

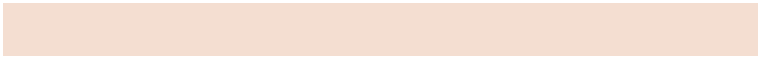
■ 42.8377, 0.4883,
0.4455

■ 40.6924, 0.4981,
0.4427

Harmonies

Analogous

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



75.9688, 0.3372, 0.3423



75.9688, 0.3325, 0.3492



75.9688, 0.3225, 0.3507

Triad

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



75.9688, 0.3325, 0.3492



75.9688, 0.2907, 0.3252



75.9688, 0.3151, 0.3127

Complementary

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



75.9688, 0.3325, 0.3492



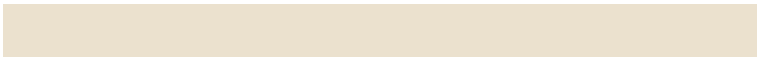
68.2592, 0.2934, 0.3080

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.



75.9688, 0.3027, 0.3082



75.9688, 0.3325, 0.3492



75.9688, 0.2888, 0.3151

Square

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



75.9688, 0.3325, 0.3492



75.9688, 0.2984, 0.3367



75.9688, 0.2931, 0.3090



75.9688, 0.3271, 0.3214

Rectangle

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



75.9688, 0.3325, 0.3492



75.9688, 0.3142, 0.3483



75.9688, 0.2931, 0.3090



75.9688, 0.3108, 0.3107

Sweetspot

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



75.9721, 0.3325, 0.3492



97.1299, 0.3189, 0.3354



66.7804, 0.3276, 0.3182



20.6761, 0.3201, 0.3366



0.0000, 0.0000, 0.0000



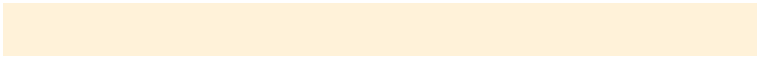
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9721, 0.3325, 0.3492



89.6237, 0.3372, 0.3538



80.8296, 0.3281, 0.3598



16.6989, 0.3276, 0.3444



22.8868, 0.4965, 0.4440



1.9755, 0.4831, 0.4546

Inverse Universe

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



68.2592, 0.2934, 0.3080



78.5164, 0.2889, 0.3029



63.9006, 0.2962, 0.2969



15.4009, 0.2980, 0.3132



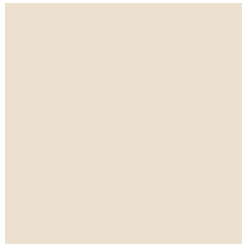
6.8520, 0.1643, 0.1114



0.7119, 0.1720, 0.1391

Previews

White Background



This preview shows how the Yxy color 75.9688, 0.3325, 0.3492 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 75.9688, 0.3325, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

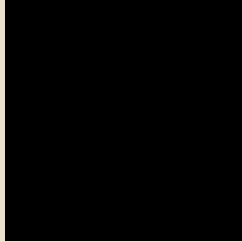
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

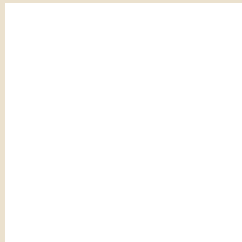
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9688, 0.3325, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 75.9688, 0.3325, 0.3492.

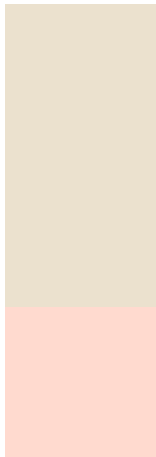


This preview shows how white text looks on a background with the Yxy color 75.9688, 0.3325, 0.3492.

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

75.9688, 0.3325, 0.3492

Protanopia

75.9688, 0.3325, 0.3492

Deuteranopia

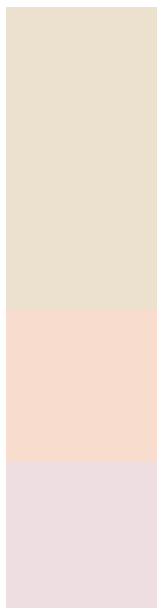
75.9078, 0.3477, 0.3403



Tritanopia

75.7102, 0.3143, 0.3105

Trichromacy



Original Color

75.9688, 0.3325, 0.3492

Protanomaly

75.9688, 0.3325, 0.3492

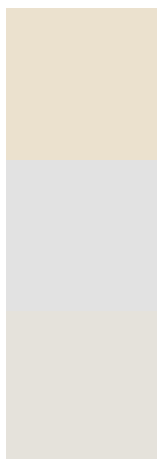
Deuteranomaly

76.1744, 0.3420, 0.3435

Tritanomaly

75.9107, 0.3214, 0.3249

Monochromacy



Original Color

75.9688, 0.3325, 0.3492

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1652, 0.3194, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9688, 0.3325, 0.3492 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(235, 225, 206)` looks like.

```
.text, #text, p{  
    color:rgb(235, 225, 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(235, 225, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 225, 206) }
```

Border

The CSS property to change the border of an element to Yxy 75.9688, 0.3325, 0.3492 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(235, 225, 206) }
```

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

```
.border{ border-color:rgb(235, 225, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 225, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 225, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 225, 206);  
box-shadow:4px 4px 4px 4px rgb(235, 225,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9688, 0.3325, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 225, 206) }
```

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

```
.background{ background-color: rgb(235,  
225, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor