

Converting Colors

$Yxy(74.1598, 0.3359, 0.3502)$

Have a look what the booklet for
Yxy(74.1598, 0.3359, 0.3502)
contains.

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Color

Yxy(74.1690, 0.3356, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	EBDECA
RGB	235, 222, 202
RGB Percent	92%, 87%, 79%
CMY	0.0786, 0.1294, 0.2077
CMYK	0.00, 0.06, 0.14, 0.08
HSL	36°, 45%, 86%
HSV	36°, 14%, 92%
XYZ	71.0363, 74.1690, 66.4642
YIQ	223.6070, 14.1680, -3.4640

Conversions

Conversions Part 2

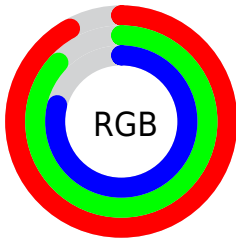
Format	Color
R _Y B	223, 235, 202
Decimal	15457994
CIE Lab	89.00, 1.15, 11.38
CIE LCh	89, 11.440, 84.207
Yxy	74.1690, 0.3356, 0.3504
Android (android.graphics.Color)	4293648074 (0xFFEBDECA)
YUV	223.6070, -10.6523, 9.9917
Hunter-Lab	86.1214, -3.4788, 14.5279

Details

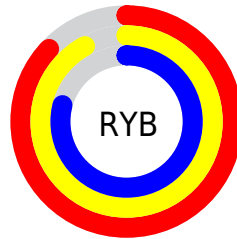
The Yxy color **74.1690, 0.3356, 0.3504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1445, 0.2907, 0.3066**, and the grayscale version is **74.3161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3593, 0.3409, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **68.3687, 0.3542, 0.3665**, and if you desaturate by 10%, it is **80.4142, 0.3189, 0.3350**.

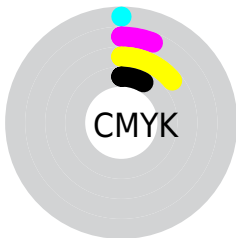
Distribution



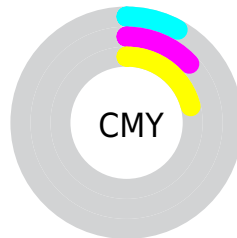
- Red (92%)
- Green (87%)
- Blue (79%)



- Red (87%)
- Yellow (92%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1690, 0.3356, 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 74.1690, 0.3356, 0.3504 by changing the saturation by 10% instead.

 74.1690, 0.3356,
0.3504

 74.1690, 0.3356,
0.3504


475.0564, 0.3250,
0.3406

 54.9324, 0.3380,
0.3526


125.1353, 0.3319,
0.3470

 39.3476, 0.3410,
0.3554

157.6339, 0.3305,
0.3457

 27.0302, 0.3448,
0.3589


195.3218, 0.3293,
0.3445

 17.5959, 0.3497,
0.3634

238.5835, 0.3282,
0.3435

 10.6603, 0.3563,
0.3695

287.8035, 0.3273,
0.3427

 5.8389, 0.3659,
0.3782

343.3660, 0.3264,

 2.7474, 0.3807,

0.3419

405.6555, 0.3257,
0.3412

0.3915

1.0013, 0.4322,
0.4404

0.0000, 0.0000,
0.0000

74.1690, 0.3356,
0.3504

74.1690, 0.3356,
0.3504

68.3687, 0.3542,
0.3665

80.4142, 0.3189,
0.3350

62.9915, 0.3746,
0.3827

87.1058, 0.3040,
0.3204

58.0282, 0.3966,
0.3986

93.0778, 0.3005,
0.3238

53.4654, 0.4197,
0.4130

96.3961, 0.3005,
0.3290

■ 49.2885, 0.4429,
0.4251

■ 45.4817, 0.4654,
0.4334

■ 42.0273, 0.4856,
0.4370

■ 38.9046, 0.5027,
0.4352

■ 37.1788, 0.5115,
0.4321

Harmonies

Analogous

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



74.1690, 0.3398, 0.3421



74.1690, 0.3356, 0.3504



74.1690, 0.3252, 0.3531

Triad

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



74.1690, 0.3356, 0.3504



74.1690, 0.2894, 0.3266



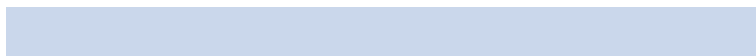
74.1690, 0.3133, 0.3102

Complementary

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



74.1690, 0.3356, 0.3504



67.1445, 0.2907, 0.3066

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.



74.1690, 0.2999, 0.3060



74.1690, 0.3356, 0.3504



74.1690, 0.2864, 0.3151

Square

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



74.1690, 0.3356, 0.3504



74.1690, 0.2986, 0.3391



74.1690, 0.2902, 0.3076



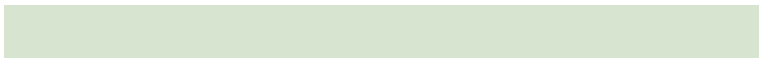
74.1690, 0.3268, 0.3191

Rectangle

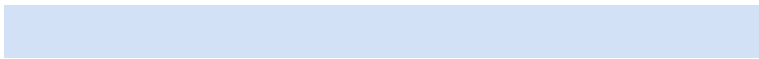
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1690, 0.3356, 0.3504



74.1690, 0.3163, 0.3511



74.1690, 0.2902, 0.3076



74.1690, 0.3086, 0.3081

Sweetspot

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



74.1723, 0.3356, 0.3504



96.8285, 0.3189, 0.3350



64.8260, 0.3287, 0.3149



20.5997, 0.3201, 0.3361



0.0000, 0.0000, 0.0000



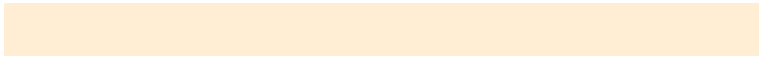
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1723, 0.3356, 0.3504



87.1202, 0.3411, 0.3553



80.7626, 0.3314, 0.3640



16.5753, 0.3278, 0.3433



20.9543, 0.5096, 0.4336



1.8319, 0.4937, 0.4462

Inverse Universe

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



67.1445, 0.2907, 0.3066



77.0336, 0.2856, 0.3013



61.2740, 0.2925, 0.2920



15.5204, 0.2980, 0.3143



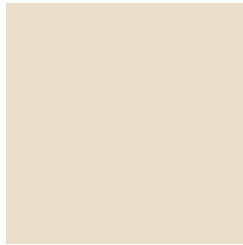
7.8672, 0.1679, 0.1245



0.8004, 0.1756, 0.1520

Previews

White Background



This preview shows how the Yxy color 74.1690, 0.3356, 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 74.1690, 0.3356, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

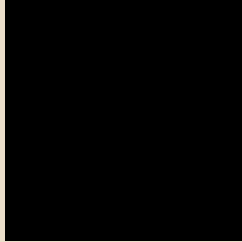
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

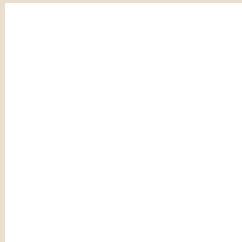
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1690, 0.3356, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 74.1690, 0.3356, 0.3504.



This preview shows how white text looks on a background with the Yxy color 74.1690, 0.3356, 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

74.1690, 0.3356, 0.3504

Protanopia

74.1954, 0.3333, 0.3516

Deuteranopia

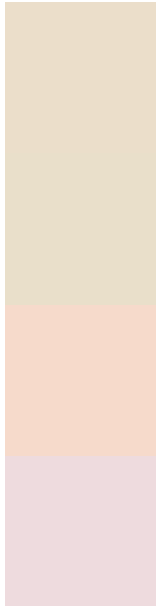
74.3062, 0.3495, 0.3424



Tritanopia

73.9169, 0.3171, 0.3115

Trichromacy



Original Color

74.1690, 0.3356, 0.3504

Protanomaly

74.3633, 0.3340, 0.3516

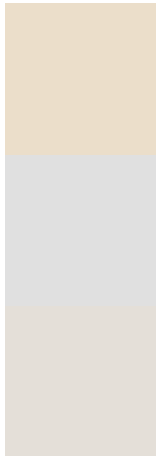
Deuteranomaly

74.0474, 0.3438, 0.3447

Tritanomaly

74.1141, 0.3244, 0.3259

Monochromacy



Original Color

74.1690, 0.3356, 0.3504

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2272, 0.3209, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1690, 0.3356, 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(235, 222, 202)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 202)  
}
```

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, 222, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 202) }
```

Border

The CSS property to change the border of an element to Yxy 74.1690, 0.3356, 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(235, 222, 202) }
```

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

```
.border{ border-color:rgb(235, 222, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 222, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 202);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1690, 0.3356, 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(235, 222, 202) }
```

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

```
.background{ background-color: rgb(235,  
222, 202) }
```

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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