

Converting Colors

$Y_{xy}(73.7813, 0.3370, 0.3480)$

Have a look what the booklet for
Yxy(73.7813, 0.3370, 0.3480)
contains.

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Color

Yxy(74.0292, 0.3366, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	EDDDCB
RGB	237, 221, 203
RGB Percent	93%, 87%, 80%
CMY	0.0705, 0.1333, 0.2039
CMYK	0.00, 0.07, 0.14, 0.07
HSL	32°, 49%, 86%
HSV	32°, 14%, 93%
XYZ	71.5630, 74.0292, 67.0132
YIQ	223.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

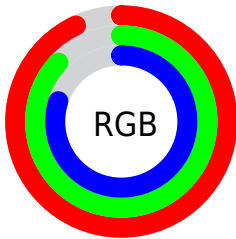
Format	Color
R _Y B	233, 237, 203
Decimal	15588811
CIE Lab	88.94, 2.56, 10.80
CIE LCh	89, 11.100, 76.678
Yxy	74.0292, 0.3366, 0.3482
Android (android.graphics.Color)	4293778891 (0xFFEDDDCB)
YUV	223.7320, -10.2209, 11.6360
Hunter-Lab	86.0402, -2.1050, 14.0496

Details

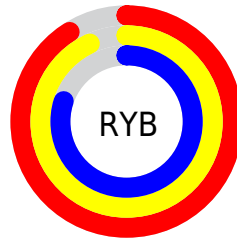
The Yxy color **74.0292, 0.3366, 0.3482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4759, 0.2902, 0.3090**, and the grayscale version is **74.4087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2661, 0.3422, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **67.2916, 0.3560, 0.3624**, and if you desaturate by 10%, it is **81.3374, 0.3195, 0.3347**.

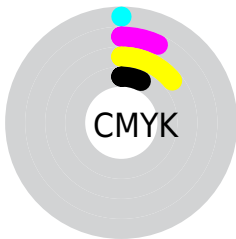
Distribution



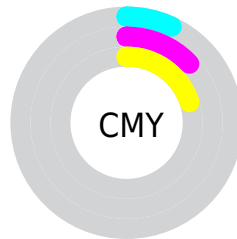
- Red (93%)
- Green (87%)
- Blue (80%)



- Red (91%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0292, 0.3366, 0.3482 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 74.0292, 0.3366, 0.3482 by changing the saturation by 10% instead.

74.0292, 0.3366,
0.3482

74.0292, 0.3366,
0.3482

474.5741, 0.3255,
0.3394

54.8179, 0.3391,
0.3502

124.9372, 0.3328,
0.3452

39.2560, 0.3422,
0.3526

157.4027, 0.3313,
0.3440

26.9589, 0.3462,
0.3557

195.0551, 0.3300,
0.3430

17.5424, 0.3514,
0.3597

238.2788, 0.3289,
0.3421

10.6219, 0.3584,
0.3651

287.4582, 0.3279,
0.3413

5.8132, 0.3685,
0.3728

342.9776, 0.3270,

2.7318, 0.3843,

0.3406

0.3844

405.2214, 0.3262,
0.3400

0.9934, 0.4351,
0.4266

0.0000, 0.0000,
0.0000

74.0292, 0.3366,
0.3482

74.0292, 0.3366,
0.3482

67.2916, 0.3560,
0.3624

81.3374, 0.3195,
0.3347

61.0995, 0.3776,
0.3767

89.2211, 0.3045,
0.3219

55.4399, 0.4015,
0.3907

96.4057, 0.3017,
0.3284

50.2957, 0.4271,
0.4034

96.7465, 0.3017,
0.3290

■ 45.6485, 0.4535,
0.4136

■ 41.4782, 0.4795,
0.4202

■ 37.7628, 0.5036,
0.4219

■ 34.4768, 0.5241,
0.4180

■ 32.7931, 0.5343,
0.4140

Harmonies

Analogous

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



74.0292, 0.3389, 0.3391



74.0292, 0.3366, 0.3482



74.0292, 0.3278, 0.3523

Triad

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



74.0292, 0.3366, 0.3482



74.0292, 0.2919, 0.3298



74.0292, 0.3099, 0.3092

Complementary

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



74.0292, 0.3366, 0.3482



69.4759, 0.2902, 0.3090

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.



74.0292, 0.2975, 0.3065



74.0292, 0.3366, 0.3482



74.0292, 0.2873, 0.3180

Square

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



74.0292, 0.3366, 0.3482



74.0292, 0.3020, 0.3416



74.0292, 0.2893, 0.3096



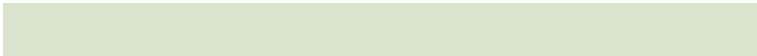
74.0292, 0.3233, 0.3169

Rectangle

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



74.0292, 0.3366, 0.3482



74.0292, 0.3196, 0.3515



74.0292, 0.2893, 0.3096



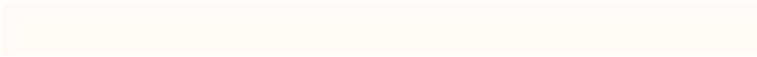
74.0292, 0.3055, 0.3076

Sweetspot

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



74.0325, 0.3366, 0.3482



96.3358, 0.3190, 0.3342



65.8536, 0.3270, 0.3116



20.4750, 0.3202, 0.3352



0.0000, 0.0000, 0.0000



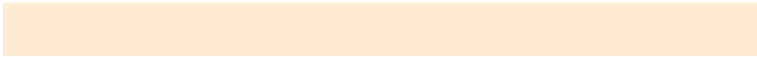
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0325, 0.3366, 0.3482



85.1830, 0.3416, 0.3520



82.7955, 0.3338, 0.3646



16.3742, 0.3280, 0.3415



18.1673, 0.5319, 0.4159



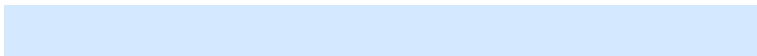
1.6190, 0.5121, 0.4316

Inverse Universe

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



69.4759, 0.2902, 0.3090



78.9071, 0.2858, 0.3049



61.6003, 0.2900, 0.2908



15.7179, 0.2981, 0.3162



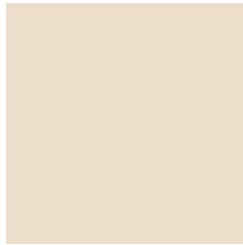
9.8675, 0.1746, 0.1484



0.9660, 0.1818, 0.1743

Previews

White Background



This preview shows how the Yxy color 74.0292, 0.3366, 0.3482 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 74.0292, 0.3366, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

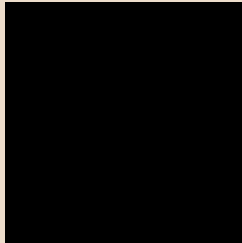
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0292, 0.3366, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 74.0292, 0.3366, 0.3482.

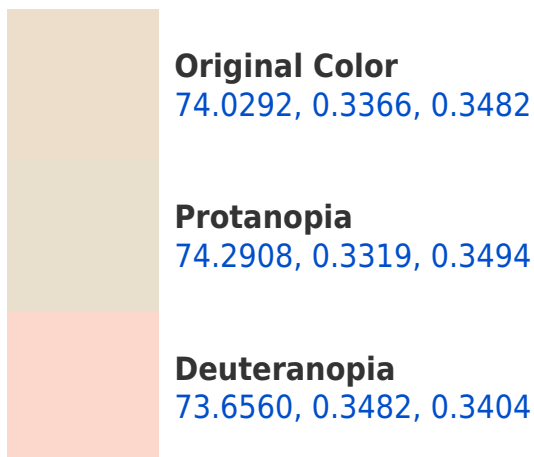


This preview shows how white text looks on a background with the Yxy color 74.0292, 0.3366, 0.3482.

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

74.2097, 0.3192, 0.3126

Trichromacy



Original Color

74.0292, 0.3366, 0.3482

Protanomaly

74.0946, 0.3335, 0.3483

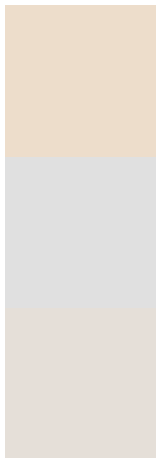
Deuteranomaly

73.7595, 0.3440, 0.3426

Tritanomaly

73.9420, 0.3260, 0.3249

Monochromacy



Original Color

74.0292, 0.3366, 0.3482

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3912, 0.3216, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0292, 0.3366, 0.3482 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(237, 221, 203)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 203)  
}
```

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(237, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 203) }
```

Border

The CSS property to change the border of an element to Yxy 74.0292, 0.3366, 0.3482 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(237, 221, 203) }
```

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

```
.border{ border-color:rgb(237, 221, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 203);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0292, 0.3366, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 203) }
```

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

```
.background{ background-color: rgb(237,  
221, 203) }
```

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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