

Converting Colors

$Y_{xy}(75.3389, 0.3360, 0.3450)$

Have a look what the booklet for
Yxy(75.3389, 0.3360, 0.3450)
contains.

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Color

Yxy(75.2728, 0.3359, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	F0DECF
RGB	240, 222, 207
RGB Percent	94%, 87%, 81%
CMY	0.0587, 0.1294, 0.1882
CMYK	0.00, 0.08, 0.14, 0.06
HSL	27°, 52%, 88%
HSV	27°, 14%, 94%
XYZ	73.3299, 75.2728, 69.7059
YIQ	225.6720, 15.5430, -0.8490

Conversions

Conversions Part 2

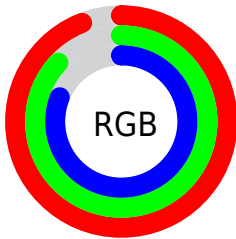
Format	Color
R _Y B	240, 235, 207
Decimal	15785679
CIE Lab	89.52, 3.75, 9.56
CIE LCh	90, 10.270, 68.571
Yxy	75.2728, 0.3359, 0.3448
Android (android.graphics.Color)	4293975759 (0xFFFF0DEC)
YUV	225.6720, -9.2053, 12.5657
Hunter-Lab	86.7599, -0.9608, 13.0963

Details

The Yxy color **75.2728, 0.3359, 0.3448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4462, 0.2912, 0.3127**, and the grayscale version is **75.8691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1277, 0.3412, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **67.4904, 0.3558, 0.3570**, and if you desaturate by 10%, it is **83.7825, 0.3186, 0.3332**.

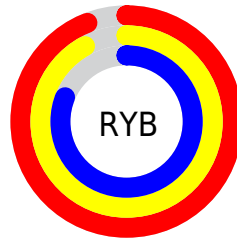
Distribution



Red (94%)

Green (87%)

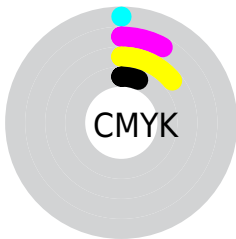
Blue (81%)



Red (94%)

Yellow (92%)

Blue (81%)

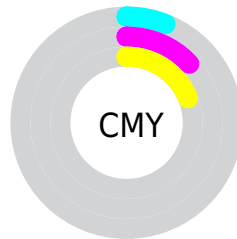


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (6%)



Cyan (6%)


Magenta (13%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2728, 0.3359, 0.3448 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 75.2728, 0.3359, 0.3448 by changing the saturation by 10% instead.


 75.2728, 0.3359,
0.3448

 75.2728, 0.3359,
0.3448

478.8547, 0.3252,
0.3376

 55.8364, 0.3383,
0.3464


126.6984, 0.3322,
0.3423

 40.0718, 0.3414,
0.3484


159.4565, 0.3307,
0.3414

 27.5945, 0.3452,
0.3509


197.4239, 0.3295,
0.3405

 18.0202, 0.3502,
0.3541

240.9850, 0.3284,
0.3398

 10.9645, 0.3569,
0.3584

290.5242, 0.3275,
0.3391

 6.0430, 0.3667,
0.3645

346.4260, 0.3266,

 2.8712, 0.3819,

0.3386

409.0747, 0.3259,
0.3381

0.3736

1.0649, 0.4202,
0.3998

0.0000, 1.0000,
0.0000

75.2728, 0.3359,
0.3448

75.2728, 0.3359,
0.3448

67.4904, 0.3558,
0.3570

83.7825, 0.3186,
0.3332

60.4052, 0.3785,
0.3695

93.0274, 0.3036,
0.3223

53.9989, 0.4041,
0.3816

97.2719, 0.3036,
0.3290

48.2491, 0.4321,
0.3926

■ 43.1317, 0.4617,
0.4013

■ 38.6206, 0.4916,
0.4064

■ 34.6873, 0.5197,
0.4067

■ 31.2997, 0.5439,
0.4015

■ 29.4384, 0.5569,
0.3960

Harmonies

Analogous

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



75.2728, 0.3362, 0.3356



75.2728, 0.3359, 0.3448



75.2728, 0.3293, 0.3500

Triad

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



75.2728, 0.3359, 0.3448



75.2728, 0.2956, 0.3328



75.2728, 0.3068, 0.3095

Complementary

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



75.2728, 0.3359, 0.3448



73.4462, 0.2912, 0.3127

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.



75.2728, 0.2962, 0.3085



75.2728, 0.3359, 0.3448



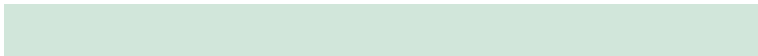
75.2728, 0.2898, 0.3217

Square

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



75.2728, 0.3359, 0.3448



75.2728, 0.3060, 0.3431



75.2728, 0.2900, 0.3128



75.2728, 0.3192, 0.3155

Rectangle

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



75.2728, 0.3359, 0.3448



75.2728, 0.3223, 0.3503



75.2728, 0.2900, 0.3128



75.2728, 0.3029, 0.3086

Sweetspot

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



75.2761, 0.3359, 0.3448



95.8551, 0.3190, 0.3335



68.6121, 0.3248, 0.3100



20.3534, 0.3202, 0.3343



0.0000, 0.0000, 0.0000



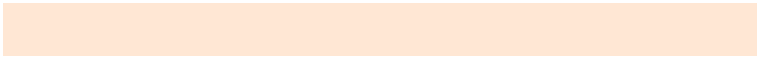
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2761, 0.3359, 0.3448



83.3207, 0.3422, 0.3488



84.4124, 0.3336, 0.3614



16.9395, 0.3282, 0.3397



16.3676, 0.5542, 0.3981



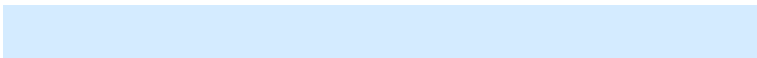
1.5579, 0.5320, 0.4158

Inverse Universe

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



73.4462, 0.2912, 0.3127



80.7773, 0.2860, 0.3084



65.0000, 0.2907, 0.2944



16.6606, 0.2980, 0.3180



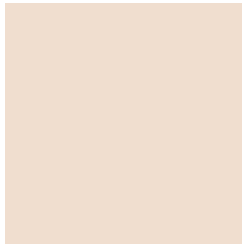
12.6234, 0.1816, 0.1737



1.2488, 0.1877, 0.1958

Previews

White Background



This preview shows how the Yxy color 75.2728, 0.3359, 0.3448 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 75.2728, 0.3359, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

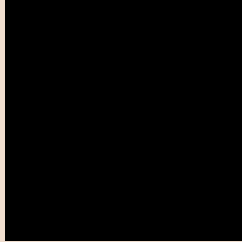
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2728, 0.3359, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 75.2728, 0.3359, 0.3448.

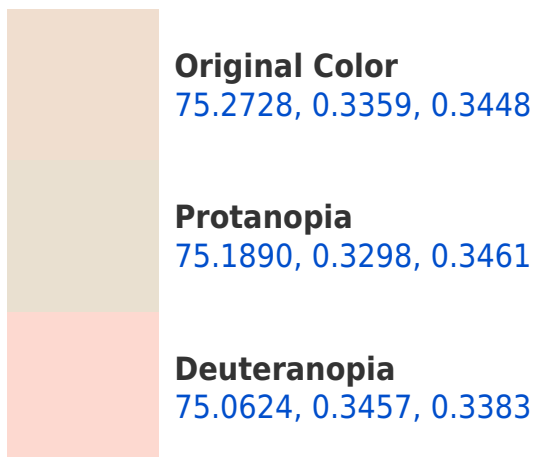


This preview shows how white text looks on a background with the Yxy color 75.2728, 0.3359, 0.3448.

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

75.3741, 0.3200, 0.3117

Trichromacy



Original Color

75.2728, 0.3359, 0.3448

Protanomaly

75.1623, 0.3321, 0.3449

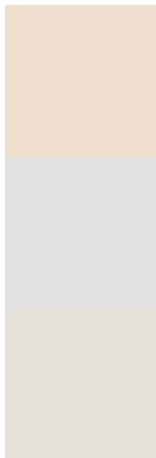
Deuteranomaly

75.1736, 0.3416, 0.3404

Tritanomaly

75.1540, 0.3260, 0.3229

Monochromacy



Original Color

75.2728, 0.3359, 0.3448

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9538, 0.3209, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2728, 0.3359, 0.3448 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(240, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 207)  
}
```

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(240, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 207) }
```

Border

The CSS property to change the border of an element to Yxy 75.2728, 0.3359, 0.3448 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(240, 222, 207) }
```

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

```
.border{ border-color:rgb(240, 222, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2728, 0.3359, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 207) }
```

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

```
.background{ background-color: rgb(240,  
222, 207) }
```

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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