

Converting Colors

$Yxy(74.4121, 0.3301, 0.3311)$

Have a look what the booklet for
Yxy(74.4121, 0.3301, 0.3311)
contains.

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Color

Yxy(74.3736, 0.3301, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	F1DBD9
RGB	241, 219, 217
RGB Percent	95%, 86%, 85%
CMY	0.0547, 0.1412, 0.1490
CMYK	0.00, 0.09, 0.10, 0.05
HSL	5°, 46%, 90%
HSV	5°, 10%, 95%
XYZ	74.1490, 74.3736, 76.1032
YIQ	225.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

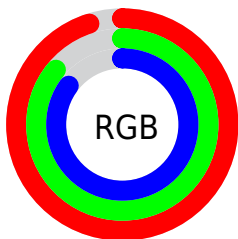
Format	Color
R _Y B	241, 219, 217
Decimal	15850457
CIE Lab	89.10, 7.27, 3.71
CIE LCh	89, 8.165, 27.050
Yxy	74.3736, 0.3301, 0.3311
Android (android.graphics.Color)	4294040537 (0xFFFF1DBD9)
YUV	225.3500, -4.1165, 13.7251
Hunter-Lab	86.2401, 2.5535, 8.0472

Details

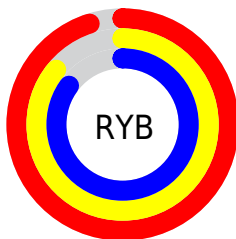
The Yxy color **74.3736, 0.3301, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.8987, 0.2973, 0.3269**, and the grayscale version is **75.5902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4738, 0.3345, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **62.4220, 0.3517, 0.3334**, and if you desaturate by 10%, it is **88.0506, 0.3127, 0.3290**.

Distribution



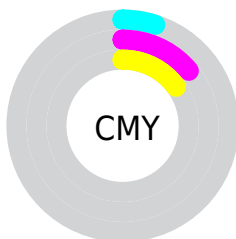
- Red (95%)
- Green (86%)
- Blue (85%)



- Red (95%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3736, 0.3301, 0.3311 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 74.3736, 0.3301, 0.3311 by changing the saturation by 10% instead.

 74.3736, 0.3301,
0.3311

 74.3736, 0.3301,
0.3311


475.7618, 0.3221,
0.3302

 55.0999, 0.3319,
0.3313


125.4253, 0.3273,
0.3308

 39.4817, 0.3342,
0.3315


157.9720, 0.3262,
0.3307

 27.1347, 0.3371,
0.3318


195.7119, 0.3253,
0.3306

 17.6744, 0.3409,
0.3322

239.0292, 0.3245,
0.3305

 10.7165, 0.3461,
0.3326

288.3085, 0.3238,
0.3304

 5.8765, 0.3536,
0.3332

343.9341, 0.3231,

 2.7701, 0.3654,

0.3303

406.2904, 0.3226,
0.3303

0.3339

1.0129, 0.3875,
0.3354

0.0000, 1.0000,
0.0000

74.3736, 0.3301,
0.3311

74.3736, 0.3301,
0.3311

62.4220, 0.3517,
0.3334

88.0506, 0.3127,
0.3290

52.1179, 0.3782,
0.3357

97.4520, 0.3042,
0.3290

43.3919, 0.4106,
0.3380

36.1662, 0.4491,
0.3401

■ 30.3560, 0.4929,
0.3414

■ 25.8684, 0.5391,
0.3416

■ 22.5990, 0.5822,
0.3402

■ 20.4279, 0.6157,
0.3373

■ 19.2044, 0.6352,
0.3338

Harmonies

Analogous

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



74.3736, 0.3235, 0.3227



74.3736, 0.3301, 0.3311



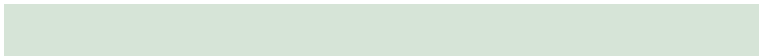
74.3736, 0.3319, 0.3391

Triad

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



74.3736, 0.3301, 0.3311



74.3736, 0.3111, 0.3426



74.3736, 0.2971, 0.3134

Complementary

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



74.3736, 0.3301, 0.3311



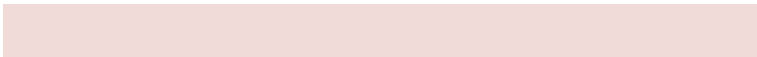
82.8987, 0.2973, 0.3269

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.



74.3736, 0.2939, 0.3185



74.3736, 0.3301, 0.3311



74.3736, 0.3019, 0.3354

Square

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



74.3736, 0.3301, 0.3311



74.3736, 0.3208, 0.3460



74.3736, 0.2956, 0.3265



74.3736, 0.3045, 0.3126

Rectangle

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



74.3736, 0.3301, 0.3311



74.3736, 0.3302, 0.3432



74.3736, 0.2956, 0.3265



74.3736, 0.2955, 0.3147

Sweetspot

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



74.3769, 0.3301, 0.3311



95.1169, 0.3176, 0.3296



74.6054, 0.3149, 0.3061



20.0862, 0.3189, 0.3298



0.0000, 0.0000, 0.0000



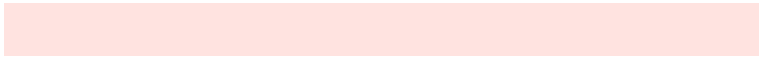
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3769, 0.3301, 0.3311



81.5486, 0.3342, 0.3316



80.6749, 0.3288, 0.3431



15.9665, 0.3291, 0.3310



10.4831, 0.6339, 0.3349



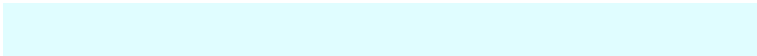
0.9432, 0.6193, 0.3464

Inverse Universe

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



82.8987, 0.2973, 0.3269



93.0648, 0.2942, 0.3264



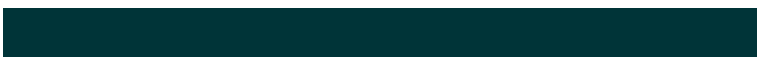
76.2864, 0.2972, 0.3145



17.6948, 0.2981, 0.3270



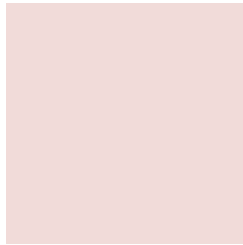
31.6651, 0.2176, 0.3032



2.6991, 0.2186, 0.3069

Previews

White Background



This preview shows how the Yxy color 74.3736, 0.3301, 0.3311 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 74.3736, 0.3301, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

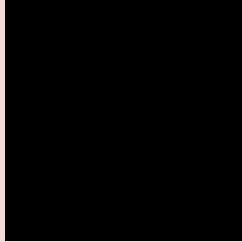
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

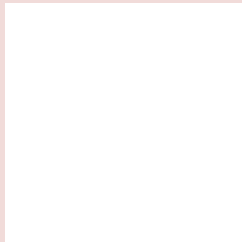
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3736, 0.3301, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 74.3736, 0.3301, 0.3311.

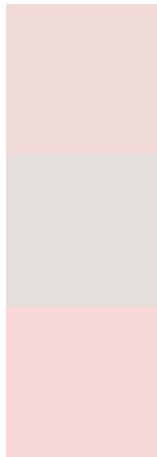


This preview shows how white text looks on a background with the Yxy color 74.3736, 0.3301, 0.3311.

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

74.3736, 0.3301, 0.3311

Protanopia

74.5478, 0.3196, 0.3333

Deuteranopia

74.1301, 0.3349, 0.3270



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

74.3736, 0.3301, 0.3311

Protanomaly

74.6281, 0.3232, 0.3333

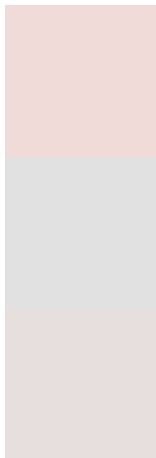
Deuteranomaly

74.1001, 0.3326, 0.3280

Tritanomaly

74.0490, 0.3241, 0.3187

Monochromacy



Original Color

74.3736, 0.3301, 0.3311

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0382, 0.3190, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3736, 0.3301, 0.3311 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(241, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 217)  
}
```

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(241, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 217) }
```

Border

The CSS property to change the border of an element to Yxy 74.3736, 0.3301, 0.3311 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(241, 219, 217) }
```

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

```
.border{ border-color:rgb(241, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 219,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3736, 0.3301, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 219, 217) }
```

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

```
.background{ background-color: rgb(241,  
219, 217) }
```

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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