

Converting Colors

$Yxy(71.5528, 0.3224, 0.3435)$

Have a look what the booklet for
Yxy(71.5528, 0.3224, 0.3435)
contains.

Yxy(71.7475, 0.3228, 0.3444)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.7475, 0.3228, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDCF
RGB	222, 221, 207
RGB Percent	87%, 87%, 81%
CMY	0.1293, 0.1333, 0.1883
CMYK	0.00, 0.00, 0.07, 0.13
HSL	56°, 19%, 84%
HSV	56°, 7%, 87%
XYZ	67.2477, 71.7475, 69.3309
YIQ	219.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

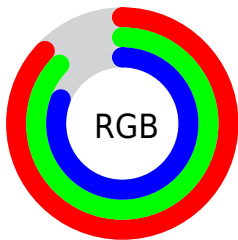
Format	Color
R _Y B	208, 222, 207
Decimal	14605775
CIE Lab	87.85, -2.08, 6.98
CIE LCh	88, 7.287, 106.584
Yxy	71.7475, 0.3228, 0.3444
Android (android.graphics.Color)	4292795855 (0xFFDEDDCF)
YUV	219.7030, -6.2626, 2.0145
Hunter-Lab	84.7039, -6.5181, 10.7633

Details

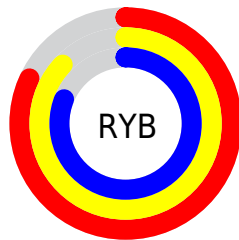
The Yxy color **71.7475, 0.3228, 0.3444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6608, 0.3024, 0.3131**, and the grayscale version is **71.3978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7878, 0.3250, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **69.9439, 0.3383, 0.3678**, and if you desaturate by 10%, it is **73.7173, 0.3080, 0.3218**.

Distribution



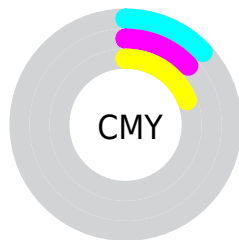
- Red (87%)
- Green (87%)
- Blue (81%)



- Red (82%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7475, 0.3228, 0.3444 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 71.7475, 0.3228, 0.3444 by changing the saturation by 10% instead.

■ 71.7475, 0.3228,
0.3444

■ 71.7475, 0.3228,
0.3444

466.6623, 0.3181,
0.3372

■ 52.9524, 0.3239,
0.3461

121.6975, 0.3212,
0.3419

■ 37.7648, 0.3252,
0.3481

153.6212, 0.3206,
0.3409

■ 25.8002, 0.3269,
0.3507

190.6899, 0.3200,
0.3401

■ 16.6742, 0.3290,
0.3542

233.2880, 0.3195,
0.3394

■ 10.0025, 0.3320,
0.3589

281.7999, 0.3191,
0.3387

■ 5.4006, 0.3364,
0.3658

336.6100, 0.3188,

■ 2.4842, 0.3431,

0.3382

0.3769

398.1026, 0.3184,
0.3377

■ 0.8687, 0.3688,
0.4134

■ 0.0000, 0.0000,
0.0000

■ 71.7475, 0.3228,
0.3444

■ 71.7475, 0.3228,
0.3444

■ 69.9439, 0.3383,
0.3678

■ 73.7173, 0.3080,
0.3218

■ 68.2908, 0.3541,
0.3915

■ 75.8498, 0.2942,
0.3005

■ 66.7844, 0.3698,
0.4146

■ 76.8973, 0.2921,
0.2985

■ 65.4174, 0.3849,
0.4364

■ 77.7222, 0.2921,
0.3001

64.1819, 0.3987,
0.4558

78.5545, 0.2922,
0.3017

63.0689, 0.4106,
0.4718

79.3940, 0.2922,
0.3033

62.0685, 0.4200,
0.4838

80.2409, 0.2923,
0.3049

61.1689, 0.4268,
0.4913

81.0951, 0.2923,
0.3064

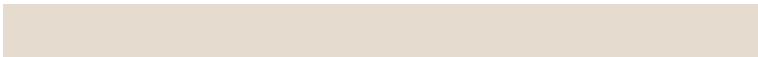
60.3550, 0.4309,
0.4947

81.9567, 0.2923,
0.3080

Harmonies

Analogous

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



71.7475, 0.3285, 0.3418



71.7475, 0.3228, 0.3444



71.7475, 0.3144, 0.3428

Triad

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



71.7475, 0.3228, 0.3444



71.7475, 0.2957, 0.3218



71.7475, 0.3197, 0.3209

Complementary

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



71.7475, 0.3228, 0.3444



63.6608, 0.3024, 0.3131

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.



71.7475, 0.3109, 0.3157



71.7475, 0.3228, 0.3444



71.7475, 0.2971, 0.3161

Square

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



71.7475, 0.3228, 0.3444



71.7475, 0.2988, 0.3296



71.7475, 0.3026, 0.3140



71.7475, 0.3268, 0.3282

Rectangle

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



71.7475, 0.3228, 0.3444



71.7475, 0.3085, 0.3395



71.7475, 0.3026, 0.3140



71.7475, 0.3168, 0.3189

Sweetspot

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



71.7506, 0.3228, 0.3444



99.4541, 0.3157, 0.3335



64.7224, 0.3233, 0.3276



21.2930, 0.3155, 0.3333



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.



71.7506, 0.3228, 0.3444



97.8706, 0.3248, 0.3474



71.3228, 0.3182, 0.3457



15.8611, 0.3269, 0.3506



35.7574, 0.4317, 0.4954



2.5273, 0.4296, 0.4971

Inverse Universe

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



63.6608, 0.3024, 0.3131



84.8000, 0.3003, 0.3099



64.0825, 0.3070, 0.3122



13.3926, 0.2981, 0.3064



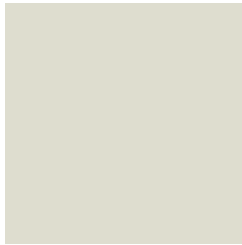
3.3955, 0.1513, 0.0645



0.2889, 0.1548, 0.0773

Previews

White Background



This preview shows how the Yxy color 71.7475, 0.3228, 0.3444 looks on a white background.

Color Contrast Check

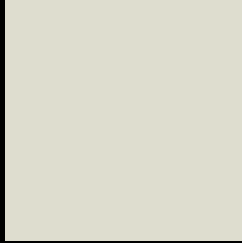
Large Text (above 18pt) WCAG AA × Fail

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 71.7475, 0.3228, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

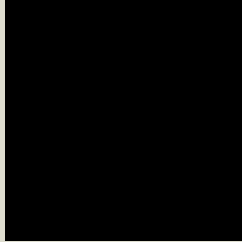
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

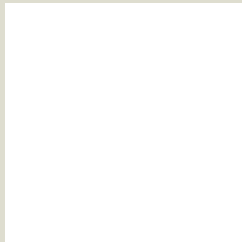
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7475, 0.3228, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 71.7475, 0.3228, 0.3444.

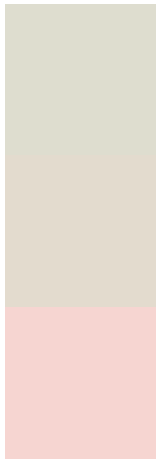


This preview shows how white text looks on a background with the Yxy color 71.7475, 0.3228, 0.3444.

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

71.7475, 0.3228, 0.3444

Protanopia

71.4502, 0.3273, 0.3432

Deuteranopia

71.7848, 0.3403, 0.3333



Tritanopia

71.7350, 0.3079, 0.3109

Trichromacy



Original Color

71.7475, 0.3228, 0.3444

Protanomaly

71.6502, 0.3258, 0.3443

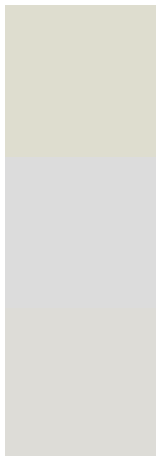
Deuteranomaly

71.6703, 0.3338, 0.3376

Tritanomaly

71.5322, 0.3137, 0.3226

Monochromacy



Original Color

71.7475, 0.3228, 0.3444

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4648, 0.3168, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7475, 0.3228, 0.3444 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(222, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 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(222, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 207) }
```

Border

The CSS property to change the border of an element to Yxy 71.7475, 0.3228, 0.3444 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(222, 221, 207) }
```

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

```
.border{ border-color:rgb(222, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7475, 0.3228, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 207) }
```

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

```
.background{ background-color: rgb(222,  
221, 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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