

Converting Colors

$Yxy(71.1471, 0.3336, 0.3356)$

Have a look what the booklet for
Yxy(71.1471, 0.3336, 0.3356)
contains.

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Color

Yxy(71.2089, 0.3332, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	EDD7D1
RGB	237, 215, 209
RGB Percent	93%, 84%, 82%
CMY	0.0705, 0.1569, 0.1803
CMYK	0.00, 0.09, 0.12, 0.07
HSL	13°, 44%, 87%
HSV	13°, 12%, 93%
XYZ	70.7418, 71.2089, 70.3597
YIQ	220.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

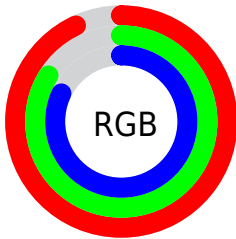
Format	Color
R _Y B	237, 217, 209
Decimal	15587281
CIE Lab	87.59, 6.63, 5.69
CIE LCh	88, 8.735, 40.629
Yxy	71.2089, 0.3332, 0.3354
Android (android.graphics.Color)	4293777361 (0xFFEDD7D1)
YUV	220.8940, -5.8637, 14.1250
Hunter-Lab	84.3854, 1.9655, 9.6344

Details

The Yxy color **71.2089, 0.3332, 0.3354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.8598, 0.2945, 0.3225**, and the grayscale version is **72.2667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3319, 0.3379, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **61.1598, 0.3545, 0.3412**, and if you desaturate by 10%, it is **82.5219, 0.3156, 0.3299**.

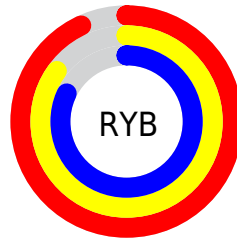
Distribution



Red (93%)

Green (84%)

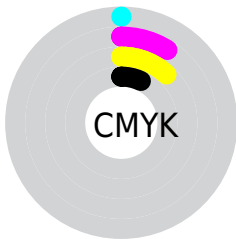
Blue (82%)



Red (93%)

Yellow (85%)

Blue (82%)

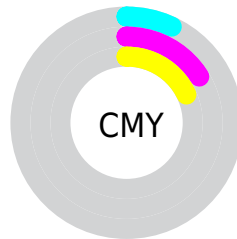


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2089, 0.3332, 0.3354 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 71.2089, 0.3332, 0.3354 by changing the saturation by 10% instead.


 71.2089, 0.3332,
0.3354

 71.2089, 0.3332,
0.3354


464.7834, 0.3236,
0.3325

 52.5127, 0.3354,
0.3360


120.9311, 0.3299,
0.3344

 37.4139, 0.3381,
0.3368


152.7259, 0.3286,
0.3340

 25.5281, 0.3416,
0.3378


189.6557, 0.3275,
0.3337

 16.4710, 0.3462,
0.3391

232.1049, 0.3265,
0.3334

 9.8580, 0.3526,
0.3408

280.4579, 0.3256,
0.3331

 5.3049, 0.3619,
0.3431

335.0990, 0.3249,

 2.4273, 0.3767,

0.3329

0.3466

396.4127, 0.3242,
0.3327

0.8399, 0.4158,
0.3616

0.0000, 0.0000,
0.0000

71.2089, 0.3332,
0.3354

71.2089, 0.3332,
0.3354

61.1598, 0.3545,
0.3412

82.5219, 0.3156,
0.3299

52.3214, 0.3801,
0.3472

95.0382, 0.3018,
0.3263

44.6503, 0.4105,
0.3531

96.7477, 0.3017,
0.3290

38.0971, 0.4458,
0.3582

■ 32.6087, 0.4852,
0.3619

■ 28.1275, 0.5265,
0.3630

■ 24.5904, 0.5658,
0.3607

■ 21.9265, 0.5982,
0.3546

■ 20.3313, 0.6175,
0.3479

Harmonies

Analogous

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



71.2089, 0.3282, 0.3262



71.2089, 0.3332, 0.3354



71.2089, 0.3326, 0.3432

Triad

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



71.2089, 0.3332, 0.3354



71.2089, 0.3062, 0.3407



71.2089, 0.2989, 0.3111

Complementary

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



71.2089, 0.3332, 0.3354



76.8598, 0.2945, 0.3225

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.



71.2089, 0.2932, 0.3146



71.2089, 0.3332, 0.3354



71.2089, 0.2974, 0.3316

Square

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



71.2089, 0.3332, 0.3354



71.2089, 0.3168, 0.3464



71.2089, 0.2927, 0.3221



71.2089, 0.3083, 0.3123

Rectangle

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



71.2089, 0.3332, 0.3354



71.2089, 0.3291, 0.3464



71.2089, 0.2927, 0.3221



71.2089, 0.2965, 0.3118

Sweetspot

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



71.2121, 0.3332, 0.3354



94.3453, 0.3192, 0.3311



69.4193, 0.3180, 0.3056



19.9721, 0.3204, 0.3315



0.0000, 0.0000, 0.0000



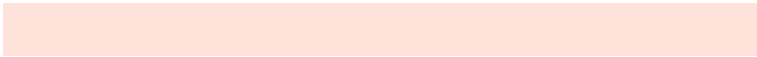
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2121, 0.3332, 0.3354



81.2767, 0.3376, 0.3367



78.4434, 0.3314, 0.3496



15.5741, 0.3288, 0.3341



11.2527, 0.6150, 0.3499



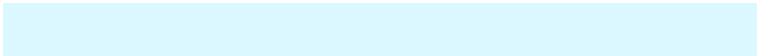
1.0207, 0.5889, 0.3706

Inverse Universe

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



76.8598, 0.2945, 0.3225



89.0898, 0.2911, 0.3212



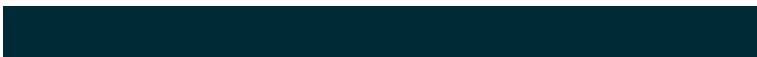
69.5237, 0.2942, 0.3075



16.5455, 0.2981, 0.3239



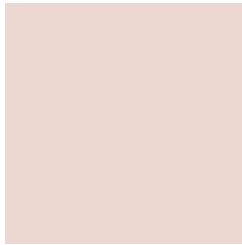
22.8275, 0.2053, 0.2591



1.9282, 0.2083, 0.2699

Previews

White Background



This preview shows how the Yxy color 71.2089, 0.3332, 0.3354 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 71.2089, 0.3332, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

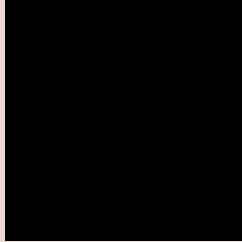
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

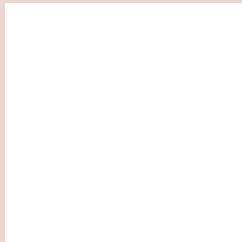
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2089, 0.3332, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 71.2089, 0.3332, 0.3354.

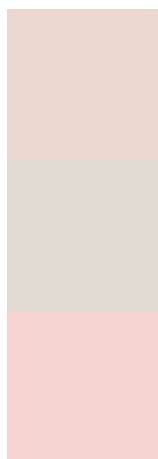


This preview shows how white text looks on a background with the Yxy color 71.2089, 0.3332, 0.3354.

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

71.2089, 0.3332, 0.3354

Protanopia

71.5349, 0.3232, 0.3377

Deuteranopia

71.1526, 0.3390, 0.3312



Tritanopia

71.2694, 0.3216, 0.3114

Trichromacy



Original Color

71.2089, 0.3332, 0.3354

Protanomaly

71.6189, 0.3269, 0.3377

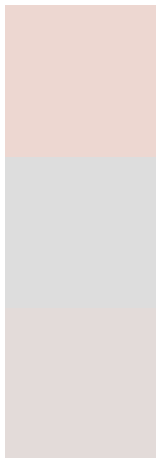
Deuteranomaly

71.1189, 0.3366, 0.3322

Tritanomaly

71.2131, 0.3257, 0.3196

Monochromacy



Original Color

71.2089, 0.3332, 0.3354

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.0037, 0.3198, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2089, 0.3332, 0.3354 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, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 209)  
}
```

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, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 209) }
```

Border

The CSS property to change the border of an element to Yxy 71.2089, 0.3332, 0.3354 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, 215, 209) }
```

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

```
.border{ border-color:rgb(237, 215, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 215, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 215, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 215, 209); box-shadow:4px 4px 4px 4px rgb(237, 215, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2089, 0.3332, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 209) }
```

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

```
.background{ background-color: rgb(237,  
215, 209) }
```

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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