

Converting Colors

$Y_{xy}(74.3415, 0.3231, 0.3279)$

Have a look what the booklet for
Yxy(74.3415, 0.3231, 0.3279)
contains.

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Color

Yxy(74.2397, 0.3236, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	ECDCDD
RGB	236, 220, 221
RGB Percent	93%, 86%, 87%
CMY	0.0743, 0.1373, 0.1334
CMYK	0.00, 0.07, 0.06, 0.07
HSL	356°, 30%, 89%
HSV	356°, 7%, 93%
XYZ	73.2438, 74.2397, 78.8570
YIQ	224.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

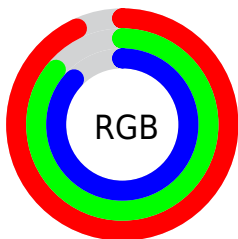
Format	Color
R _Y B	236, 220, 221
Decimal	15523037
CIE Lab	89.04, 5.66, 1.49
CIE LCh	89, 5.856, 14.730
Yxy	74.2397, 0.3236, 0.3280
Android (android.graphics.Color)	4293713117 (0xFFE CDCDD)
YUV	224.8980, -1.9217, 9.7365
Hunter-Lab	86.1625, 0.9525, 6.0507

Details

The Yxy color **74.2397, 0.3236, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.2323, 0.3028, 0.3300**, and the grayscale version is **75.2315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3667, 0.3260, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **61.6112, 0.3429, 0.3264**, and if you desaturate by 10%, it is **88.7799, 0.3081, 0.3295**.

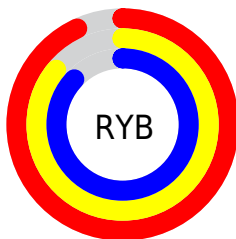
Distribution



Red (93%)

Green (86%)

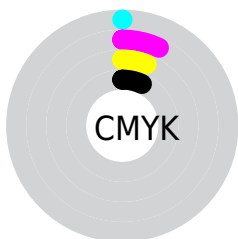
Blue (87%)



Red (93%)

Yellow (86%)

Blue (87%)

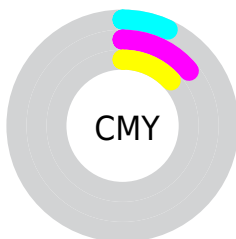


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2397, 0.3236, 0.3280 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 74.2397, 0.3236, 0.3280 by changing the saturation by 10% instead.


 74.2397, 0.3236,
0.3280

 74.2397, 0.3236,
0.3280


475.3002, 0.3186,
0.3285

 54.9902, 0.3247,
0.3279


125.2355, 0.3219,
0.3282

 39.3939, 0.3262,
0.3277


157.7507, 0.3212,
0.3282

 27.0663, 0.3280,
0.3276


195.4566, 0.3206,
0.3283

 17.6230, 0.3303,
0.3273

238.7376, 0.3201,
0.3283

 10.6797, 0.3335,
0.3270

287.9780, 0.3196,
0.3284

 5.8519, 0.3382,
0.3264

343.5623, 0.3192,

 2.7552, 0.3456,

0.3284

0.3255

405.8750, 0.3189,
0.3285

■ 1.0053, 0.3588,
0.3238

■ 0.0000, 1.0000,
0.0000

■ 74.2397, 0.3236,
0.3280

■ 74.2397, 0.3236,
0.3280

■ 61.6112, 0.3429,
0.3264

■ 88.7799, 0.3081,
0.3295

■ 50.8057, 0.3671,
0.3248

■ 96.5802, 0.3012,
0.3290

■ 41.7420, 0.3969,
0.3232

■ 34.3289, 0.4331,
0.3218

■ 28.4669, 0.4754,
0.3209

■ 24.0461, 0.5217,
0.3207

■ 20.9417, 0.5674,
0.3217

■ 19.0080, 0.6056,
0.3238

■ 18.0603, 0.6301,
0.3267

Harmonies

Analogous

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



74.2397, 0.3179, 0.3222



74.2397, 0.3236, 0.3280



74.2397, 0.3264, 0.3341

Triad

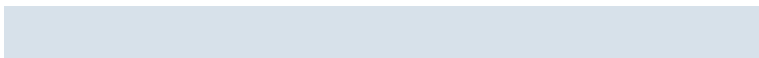
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2397, 0.3236, 0.3280



74.2397, 0.3145, 0.3401



74.2397, 0.3001, 0.3190

Complementary

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



74.2397, 0.3236, 0.3280



81.2323, 0.3028, 0.3300

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.



74.2397, 0.2993, 0.3237



74.2397, 0.3236, 0.3280



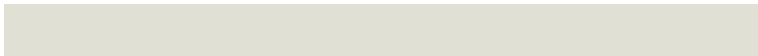
74.2397, 0.3075, 0.3360

Square

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



74.2397, 0.3236, 0.3280



74.2397, 0.3211, 0.3412



74.2397, 0.3019, 0.3299



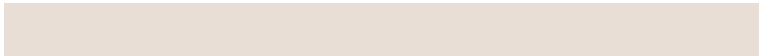
74.2397, 0.3043, 0.3170

Rectangle

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



74.2397, 0.3236, 0.3280



74.2397, 0.3262, 0.3376



74.2397, 0.3019, 0.3299



74.2397, 0.2994, 0.3203

Sweetspot

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



74.2429, 0.3236, 0.3280



96.4845, 0.3158, 0.3287



74.8998, 0.3127, 0.3124



20.6885, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



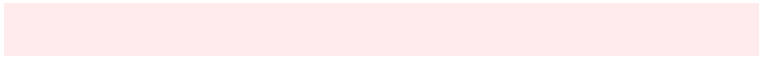
21.4041, 0.3127, 0.3290

Same Dimension

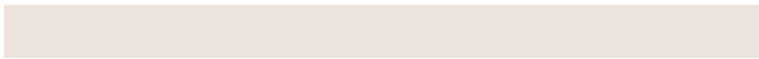
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2429, 0.3236, 0.3280



86.4950, 0.3258, 0.3278



77.9175, 0.3236, 0.3363



15.0690, 0.3283, 0.3276



9.8541, 0.6335, 0.3264



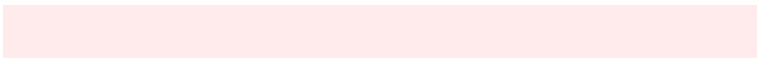
0.7790, 0.6163, 0.3169

Inverse Universe

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



74.2429, 0.3236, 0.3280



86.4950, 0.3258, 0.3278



77.3612, 0.3022, 0.3216



15.0690, 0.3283, 0.3276



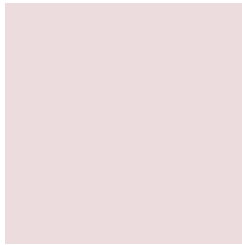
9.8541, 0.6335, 0.3264



0.7790, 0.6163, 0.3169

Previews

White Background



This preview shows how the Yxy color 74.2397, 0.3236, 0.3280 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 74.2397, 0.3236, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

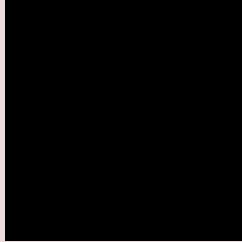
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

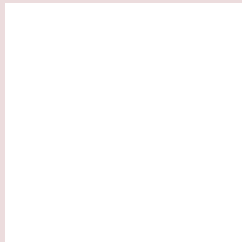
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2397, 0.3236, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 74.2397, 0.3236, 0.3280.



This preview shows how white text looks on a background with the Yxy color 74.2397, 0.3236, 0.3280.

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

74.2397, 0.3236, 0.3280

Protanopia

74.5433, 0.3169, 0.3301

Deuteranopia

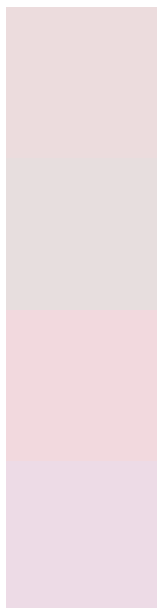
73.9785, 0.3306, 0.3229



Tritanopia

74.3181, 0.3157, 0.3115

Trichromacy



Original Color

74.2397, 0.3236, 0.3280

Protanomaly

74.5054, 0.3191, 0.3290

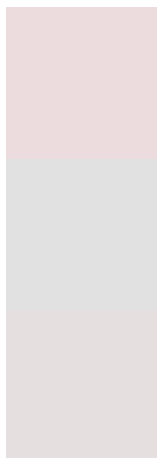
Deuteranomaly

73.7769, 0.3275, 0.3239

Tritanomaly

74.3807, 0.3183, 0.3176

Monochromacy



Original Color

74.2397, 0.3236, 0.3280

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.8152, 0.3163, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2397, 0.3236, 0.3280 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(236, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 221)  
}
```

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(236, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.2397, 0.3236, 0.3280 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(236, 220, 221) }
```

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

```
.border{ border-color:rgb(236, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2397, 0.3236, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 221) }
```

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

```
.background{ background-color: rgb(236,  
220, 221) }
```

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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