

Converting Colors

$Yxy(74.1641, 0.3231, 0.3279)$

Have a look what the booklet for
Yxy(74.1641, 0.3231, 0.3279)
contains.

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Color

Yxy(74.0690, 0.3228, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EBDCDD
RGB	235, 220, 221
RGB Percent	92%, 86%, 87%
CMY	0.0786, 0.1372, 0.1334
CMYK	0.00, 0.06, 0.06, 0.08
HSL	356°, 27%, 89%
HSV	356°, 6%, 92%
XYZ	72.8947, 74.0690, 78.8564
YIQ	224.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

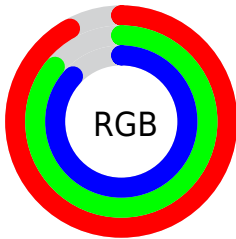
Format	Color
R _Y B	235, 220, 221
Decimal	15457501
CIE Lab	88.96, 5.28, 1.35
CIE LCh	89, 5.451, 14.344
Yxy	74.0690, 0.3228, 0.3280
Android (android.graphics.Color)	4293647581 (0xFFEBDCDD)
YUV	224.5990, -1.7743, 9.1217
Hunter-Lab	86.0633, 0.5767, 5.9193

Details

The Yxy color **74.0690, 0.3228, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.5529, 0.3034, 0.3300**, and the grayscale version is **74.9990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2471, 0.3250, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **61.4968, 0.3418, 0.3263**, and if you desaturate by 10%, it is **88.5341, 0.3076, 0.3295**.

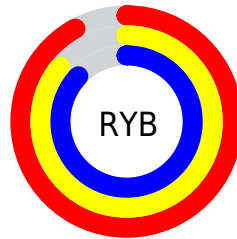
Distribution



Red (92%)

Green (86%)

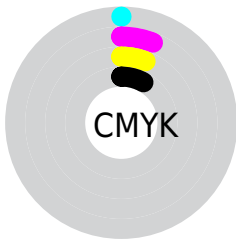
Blue (87%)



Red (92%)

Yellow (86%)

Blue (87%)

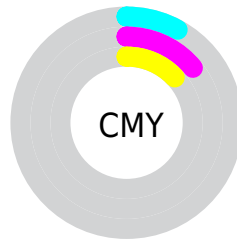


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (8%)



Cyan (8%)


Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0690, 0.3228, 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 74.0690, 0.3228, 0.3280 by changing the saturation by 10% instead.


 74.0690, 0.3228,
0.3280

 74.0690, 0.3228,
0.3280


474.7115, 0.3181,
0.3285

 54.8505, 0.3239,
0.3279


124.9936, 0.3212,
0.3282

 39.2821, 0.3252,
0.3277


157.4685, 0.3206,
0.3282

 26.9792, 0.3269,
0.3276


195.1311, 0.3200,
0.3283

 17.5576, 0.3290,
0.3273

238.3656, 0.3195,
0.3283

 10.6328, 0.3320,
0.3270

287.5565, 0.3191,
0.3284

 5.8205, 0.3364,
0.3265

343.0882, 0.3188,

 2.7363, 0.3432,

0.3284

0.3256

405.3450, 0.3184,
0.3285

0.9956, 0.3555,
0.3239

0.0000, 1.0000,
0.0000

74.0690, 0.3228,
0.3280

74.0690, 0.3228,
0.3280

61.4968, 0.3418,
0.3263

88.5341, 0.3076,
0.3295

50.7301, 0.3656,
0.3246

96.3956, 0.3005,
0.3290

41.6890, 0.3951,
0.3229

34.2836, 0.4308,
0.3214

■ 28.4162, 0.4727,
0.3203

■ 23.9786, 0.5187,
0.3201

■ 20.8485, 0.5644,
0.3210

■ 18.8830, 0.6032,
0.3232

■ 17.9045, 0.6288,
0.3263

Harmonies

Analogous

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



74.0690, 0.3174, 0.3226



74.0690, 0.3228, 0.3280



74.0690, 0.3254, 0.3337

Triad

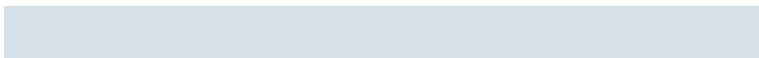
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0690, 0.3228, 0.3280



74.0690, 0.3145, 0.3394



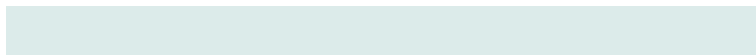
74.0690, 0.3009, 0.3197

Complementary

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



74.0690, 0.3228, 0.3280



80.5529, 0.3034, 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.



74.0690, 0.3002, 0.3241



74.0690, 0.3228, 0.3280



74.0690, 0.3079, 0.3355

Square

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



74.0690, 0.3228, 0.3280



74.0690, 0.3206, 0.3403



74.0690, 0.3027, 0.3299



74.0690, 0.3048, 0.3179

Rectangle

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



74.0690, 0.3228, 0.3280



74.0690, 0.3253, 0.3369



74.0690, 0.3027, 0.3299



74.0690, 0.3003, 0.3210

Sweetspot

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



74.0722, 0.3228, 0.3280



96.4858, 0.3157, 0.3287



74.6789, 0.3127, 0.3135



20.6887, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

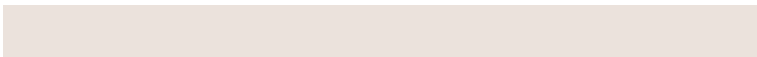
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0722, 0.3228, 0.3280



86.5000, 0.3257, 0.3277



77.4858, 0.3229, 0.3358



15.0700, 0.3283, 0.3275



9.8559, 0.6330, 0.3261



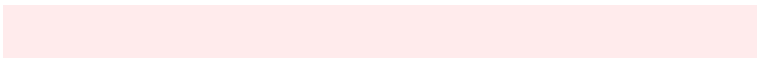
0.7795, 0.6147, 0.3160

Inverse Universe

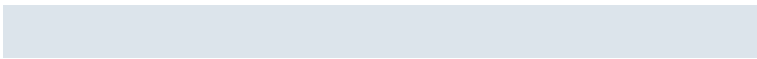
The Inverse Universe completely reimagines the original color for something new.



74.0722, 0.3228, 0.3280



86.5000, 0.3257, 0.3277



76.9694, 0.3029, 0.3221



15.0700, 0.3283, 0.3275



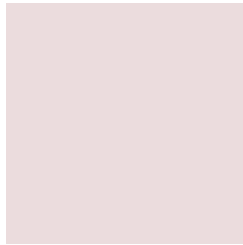
9.8559, 0.6330, 0.3261



0.7795, 0.6147, 0.3160

Previews

White Background



This preview shows how the Yxy color 74.0690, 0.3228, 0.3280 looks on a white background.

Color Contrast Check

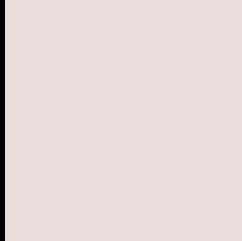
Large Text (above 18pt) WCAG AA × Fail

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 74.0690, 0.3228, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

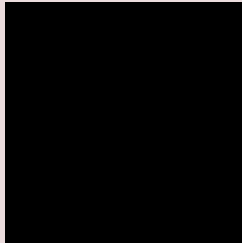
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

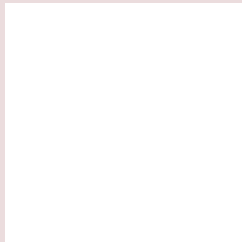
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0690, 0.3228, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 74.0690, 0.3228, 0.3280.

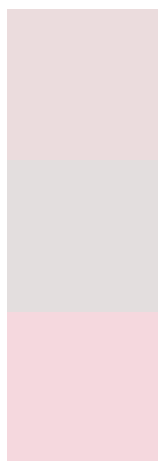


This preview shows how white text looks on a background with the Yxy color 74.0690, 0.3228, 0.3280.

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

74.0690, 0.3228, 0.3280

Protanopia

73.8474, 0.3163, 0.3290

Deuteranopia

73.7981, 0.3299, 0.3229



Tritanopia

74.1455, 0.3150, 0.3114

Trichromacy



Original Color

74.0690, 0.3228, 0.3280

Protanomaly

73.8098, 0.3185, 0.3280

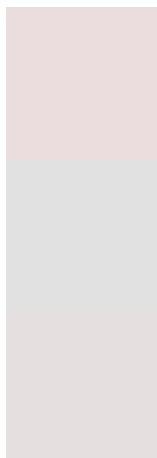
Deuteranomaly

73.6004, 0.3268, 0.3238

Tritanomaly

74.2091, 0.3175, 0.3176

Monochromacy



Original Color

74.0690, 0.3228, 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 74.0690, 0.3228, 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(235, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.0690, 0.3228, 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(235, 220, 221) }
```

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

```
.border{ border-color:rgb(235, 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(235, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 220,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0690, 0.3228, 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(235, 220, 221) }
```

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

```
.background{ background-color: rgb(235,  
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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