

Converting Colors

$Y_{xy}(74.2165, 0.3110, 0.3247)$

Have a look what the booklet for
Yxy(74.2165, 0.3110, 0.3247)
contains.

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Color

Yxy(74.1687, 0.3108, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E0DFE3
RGB	224, 223, 227
RGB Percent	88%, 87%, 89%
CMY	0.1216, 0.1255, 0.1097
CMYK	0.01, 0.02, 0.00, 0.11
HSL	255°, 7%, 88%
HSV	255°, 2%, 89%
XYZ	70.9936, 74.1687, 83.2599
YIQ	223.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

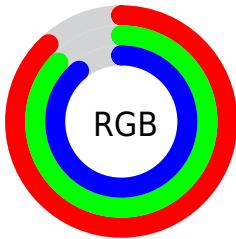
Format	Color
R_{YB}	224, 223, 227
Decimal	14737379
CIE Lab	89.00, 1.06, -1.85
CIE LCh	89, 2.135, 299.896
Yxy	74.1687, 0.3108, 0.3247
Android (android.graphics.Color)	4292927459 (0xFFE0DFE3)
YUV	223.7550, 1.5998, 0.2149
Hunter-Lab	86.1213, -3.5666, 2.9648

Details

The Yxy color **74.1687, 0.3108, 0.3247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4502, 0.3146, 0.3333**, and the grayscale version is **74.3480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4188, 0.3102, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **60.2457, 0.2990, 0.2987**, and if you desaturate by 10%, it is **89.9995, 0.3210, 0.3479**.

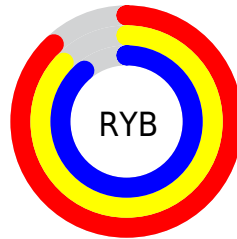
Distribution



Red (88%)

Green (87%)

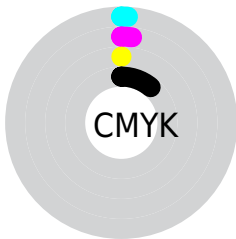
Blue (89%)



Red (88%)

Yellow (87%)

Blue (89%)

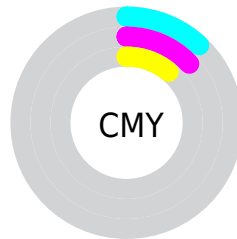


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1687, 0.3108, 0.3247 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 74.1687, 0.3108, 0.3247 by changing the saturation by 10% instead.

■ 74.1687, 0.3108,
0.3247

■ 74.1687, 0.3108,
0.3247

475.0554, 0.3117,
0.3267

■ 54.9321, 0.3106,
0.3242

125.1349, 0.3111,
0.3254

■ 39.3474, 0.3103,
0.3237

157.6334, 0.3112,
0.3257

■ 27.0301, 0.3100,
0.3230

195.3212, 0.3113,
0.3259

■ 17.5958, 0.3096,
0.3221

238.5829, 0.3114,
0.3261

■ 10.6602, 0.3090,
0.3208

287.8027, 0.3115,
0.3263

■ 5.8388, 0.3082,
0.3190

343.3652, 0.3116,

■ 2.7473, 0.3069,

0.3264

0.3162

405.6546, 0.3116,
0.3266

■ 1.0013, 0.3046,
0.3111

■ 0.0000, 0.0000,
0.0000

■ 74.1687, 0.3108,
0.3247

■ 74.1687, 0.3108,
0.3247

■ 60.2457, 0.2990,
0.2987

■ 89.9995, 0.3210,
0.3479

■ 48.1486, 0.2854,
0.2700

■ 98.3271, 0.3291,
0.3562

■ 37.8036, 0.2700,
0.2389

■ 29.1282, 0.2531,
0.2061

■ 22.0332, 0.2352,
0.1730

■ 16.4208, 0.2169,
0.1414

■ 12.1822, 0.1994,
0.1133

■ 9.1931, 0.1838,
0.0908

■ 7.3057, 0.1711,
0.0752

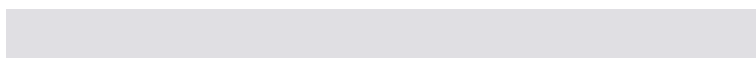
Harmonies

Analogous

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



74.1687, 0.3088, 0.3249



74.1687, 0.3108, 0.3247



74.1687, 0.3134, 0.3257

Triad

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



74.1687, 0.3108, 0.3247



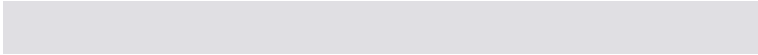
74.1687, 0.3177, 0.3319



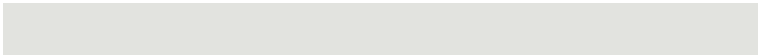
74.1687, 0.3097, 0.3305

Complementary

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



74.1687, 0.3108, 0.3247



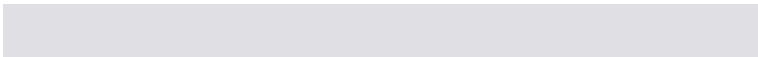
76.4502, 0.3146, 0.3333

Split Complementary

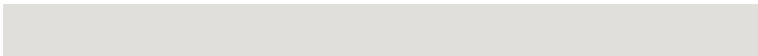
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1687, 0.3121, 0.3324



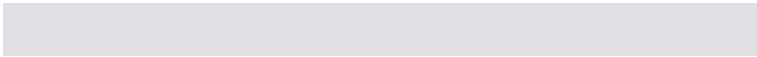
74.1687, 0.3108, 0.3247



74.1687, 0.3167, 0.3332

Square

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



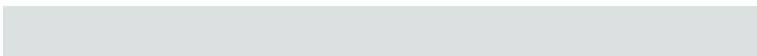
74.1687, 0.3108, 0.3247



74.1687, 0.3174, 0.3298



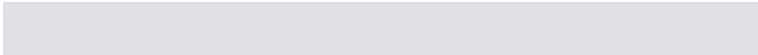
74.1687, 0.3146, 0.3334



74.1687, 0.3081, 0.3282

Rectangle

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



74.1687, 0.3108, 0.3247



74.1687, 0.3150, 0.3269



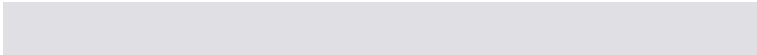
74.1687, 0.3146, 0.3334



74.1687, 0.3104, 0.3312

Sweetspot

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



74.1719, 0.3108, 0.3247



98.0212, 0.3116, 0.3266



75.6736, 0.3100, 0.3280



21.0014, 0.3117, 0.3267



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.



74.1719, 0.3108, 0.3247



96.0675, 0.3105, 0.3241



74.4859, 0.3122, 0.3247



16.4331, 0.3107, 0.3244



3.7698, 0.1643, 0.0679



0.3213, 0.1789, 0.0759

Inverse Universe

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



74.6049, 0.3136, 0.3258



96.7084, 0.3137, 0.3253



76.1360, 0.3133, 0.3333



16.5360, 0.3136, 0.3256



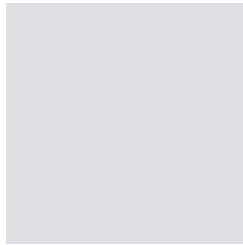
11.2597, 0.3948, 0.1949



0.8465, 0.3817, 0.1876

Previews

White Background



This preview shows how the Yxy color 74.1687, 0.3108, 0.3247 looks on a white background.

Color Contrast Check

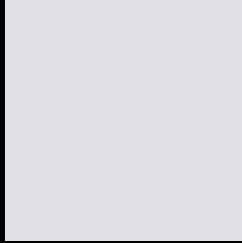
Large Text (above 18pt) WCAG AA × Fail

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 74.1687, 0.3108, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

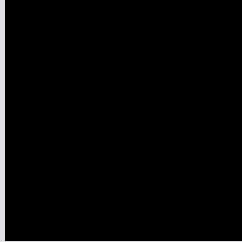
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

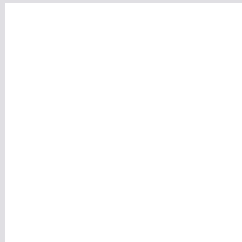
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1687, 0.3108, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 74.1687, 0.3108, 0.3247.

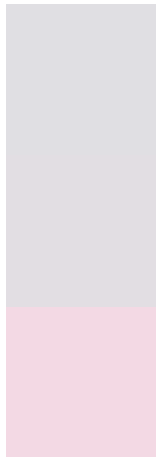


This preview shows how white text looks on a background with the Yxy color 74.1687, 0.3108, 0.3247.

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

74.1687, 0.3108, 0.3247

Protanopia

73.9574, 0.3123, 0.3237

Deuteranopia

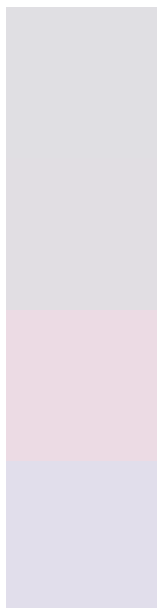
74.2818, 0.3241, 0.3177



Tritanopia

74.1136, 0.3045, 0.3100

Trichromacy



Original Color

74.1687, 0.3108, 0.3247

Protanomaly

73.7962, 0.3116, 0.3237

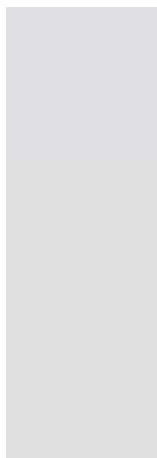
Deuteranomaly

74.0973, 0.3189, 0.3196

Tritanomaly

74.2483, 0.3064, 0.3152

Monochromacy



Original Color

74.1687, 0.3108, 0.3247

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.5948, 0.3121, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1687, 0.3108, 0.3247 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(224, 223, 227) looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 227)  
}
```

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(224, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.1687, 0.3108, 0.3247 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(224, 223, 227) }
```

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

```
.border{ border-color:rgb(224, 223, 227) }
```

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

Here you see how a box with a 4 pixel rgb(224, 223, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1687, 0.3108, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 227) }
```

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

```
.background{ background-color: rgb(224,  
223, 227) }
```

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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