

Converting Colors

$Y_{xy}(74.1429, 0.3133, 0.3299)$

Have a look what the booklet for
Yxy(74.1429, 0.3133, 0.3299)
contains.

Yxy(74.4863, 0.3134, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(74.4863, 0.3134, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	E0E0DF
RGB	224, 224, 223
RGB Percent	88%, 88%, 87%
CMY	0.1215, 0.1216, 0.1256
CMYK	0.00, 0.00, 0.00, 0.12
HSL	59°, 2%, 88%
HSV	59°, 0%, 88%
XYZ	70.7180, 74.4863, 80.4434
YIQ	223.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

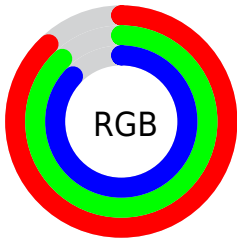
Format	Color
R_{YB}	223, 224, 223
Decimal	14737631
CIE Lab	89.15, -0.17, 0.49
CIE LCh	89, 0.521, 108.896
Yxy	74.4863, 0.3134, 0.3301
Android (android.graphics.Color)	4292927711 (0xFFE0E0DF)
YUV	223.8860, -0.4368, 0.1000
Hunter-Lab	86.3054, -4.7731, 5.1509

Details

The Yxy color **74.4863, 0.3134, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8422, 0.3120, 0.3279**, and the grayscale version is **74.4618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6381, 0.3136, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **73.0839, 0.3283, 0.3541**, and if you desaturate by 10%, it is **76.0559, 0.2992, 0.3072**.

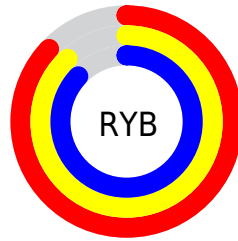
Distribution



Red (88%)

Green (88%)

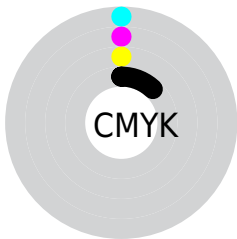
Blue (87%)



Red (87%)

Yellow (88%)

Blue (87%)

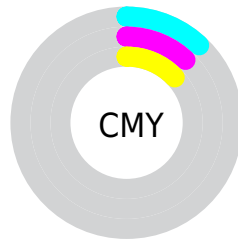


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4863, 0.3134, 0.3301 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 74.4863, 0.3134, 0.3301 by changing the saturation by 10% instead.

■ 74.4863, 0.3134,
0.3301

■ 74.4863, 0.3134,
0.3301

476.1501, 0.3131,
0.3296

■ 55.1922, 0.3135,
0.3302

125.5849, 0.3133,
0.3299

■ 39.5556, 0.3136,
0.3304

158.1582, 0.3133,
0.3299

■ 27.1922, 0.3137,
0.3305

195.9266, 0.3132,
0.3298

■ 17.7176, 0.3138,
0.3308

239.2746, 0.3132,
0.3298

■ 10.7475, 0.3140,
0.3311

288.5866, 0.3132,
0.3297

■ 5.8973, 0.3143,
0.3315

344.2469, 0.3131,

■ 2.7827, 0.3147,

0.3297

0.3322

406.6399, 0.3131,
0.3296

■ 1.0194, 0.3155,
0.3335

■ 0.0000, 0.0000,
0.0000

■ 74.4863, 0.3134,
0.3301

■ 74.4863, 0.3134,
0.3301

■ 73.0839, 0.3283,
0.3541

■ 76.0559, 0.2992,
0.3072

■ 71.8327, 0.3437,
0.3788

■ 76.9381, 0.2934,
0.2981


■ 70.7294, 0.3591,
0.4033


■ 77.2169, 0.2934,
0.2986

■ 69.7668, 0.3739,
0.4268


■ 77.4965, 0.2934,
0.2991

 68.9372, 0.3876,
0.4485


 77.7769, 0.2934,
0.2997


 68.2322, 0.3996,
0.4672


 78.0582, 0.2934,
0.3002


 67.6422, 0.4094,
0.4822

 78.3403, 0.2934,
0.3008

 67.1566, 0.4166,
0.4929

 78.6232, 0.2934,
0.3013

 66.7625, 0.4211,
0.4993

 78.9070, 0.2935,
0.3018

Harmonies

Analogous

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



74.4863, 0.3138, 0.3300



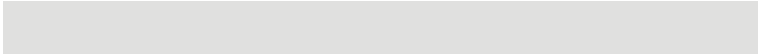
74.4863, 0.3134, 0.3301



74.4863, 0.3128, 0.3300

Triad

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



74.4863, 0.3134, 0.3301



74.4863, 0.3115, 0.3285



74.4863, 0.3133, 0.3285

Complementary

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



74.4863, 0.3134, 0.3301



73.8422, 0.3120, 0.3279

Split Complementary

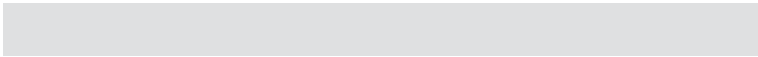
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4863, 0.3126, 0.3281



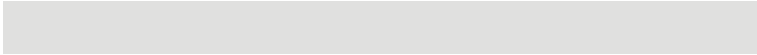
74.4863, 0.3134, 0.3301



74.4863, 0.3116, 0.3281

Square

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



74.4863, 0.3134, 0.3301



74.4863, 0.3117, 0.3290



74.4863, 0.3121, 0.3279



74.4863, 0.3137, 0.3290

Rectangle

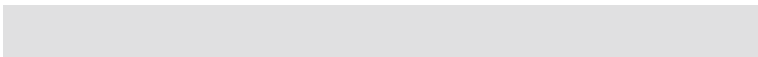
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4863, 0.3134, 0.3301



74.4863, 0.3124, 0.3297



74.4863, 0.3121, 0.3279



74.4863, 0.3131, 0.3283

Sweetspot

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



74.4895, 0.3134, 0.3301

100.0000, 0.3127, 0.3290



73.9416, 0.3134, 0.3290



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



74.4895, 0.3134, 0.3301



99.7995, 0.3142, 0.3314



74.4243, 0.3131, 0.3301



16.2341, 0.3141, 0.3312



38.6942, 0.4233, 0.5021



2.6994, 0.4227, 0.5026

Inverse Universe

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



73.8422, 0.3120, 0.3279



97.9402, 0.3112, 0.3266



73.9072, 0.3124, 0.3279



15.9504, 0.3113, 0.3268



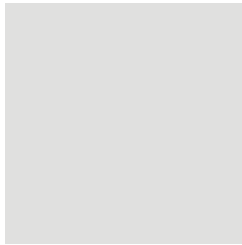
3.2204, 0.1504, 0.0615



0.2413, 0.1517, 0.0660

Previews

White Background



This preview shows how the Yxy color 74.4863, 0.3134, 0.3301 looks on a white background.

Color Contrast Check

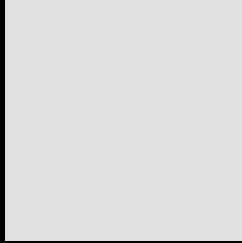
Large Text (above 18pt) WCAG AA × Fail

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 74.4863, 0.3134, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

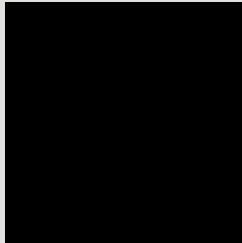
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

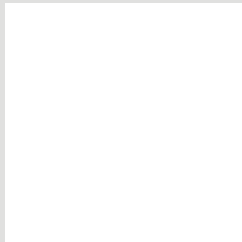
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4863, 0.3134, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 74.4863, 0.3134, 0.3301.

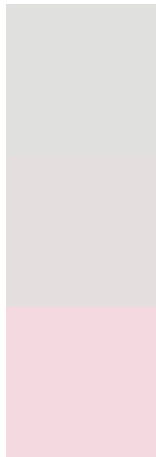


This preview shows how white text looks on a background with the Yxy color 74.4863, 0.3134, 0.3301.

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

74.4863, 0.3134, 0.3301

Protanopia

74.5433, 0.3169, 0.3301

Deuteranopia

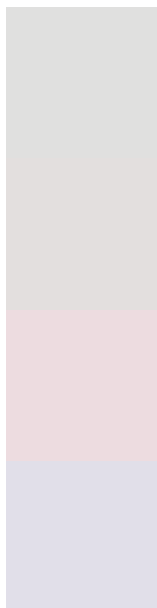
74.4200, 0.3284, 0.3218



Tritanopia

74.6433, 0.3045, 0.3111

Trichromacy



Original Color

74.4863, 0.3134, 0.3301

Protanomaly

74.3802, 0.3162, 0.3301

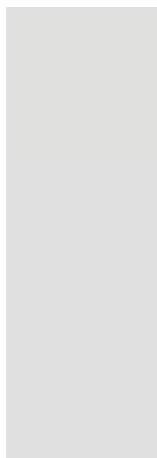
Deuteranomaly

74.5727, 0.3222, 0.3248

Tritanomaly

74.6661, 0.3076, 0.3184

Monochromacy



Original Color

74.4863, 0.3134, 0.3301

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.5404, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4863, 0.3134, 0.3301 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, 224, 223)` looks like.

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

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, 224, 223) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 74.4863, 0.3134, 0.3301 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, 224, 223) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Yxy 74.4863, 0.3134, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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