

Converting Colors

Yxy(74.1641, 0.3254, 0.3464)

Have a look what the booklet for
Yxy(74.1641, 0.3254, 0.3464)
contains.

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Color

Yxy(74.1963, 0.3254, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	E3E0D0
RGB	227, 224, 208
RGB Percent	89%, 88%, 82%
CMY	0.1099, 0.1215, 0.1842
CMYK	0.00, 0.01, 0.08, 0.11
HSL	51°, 25%, 85%
HSV	51°, 8%, 89%
XYZ	69.7184, 74.1963, 70.3397
YIQ	223.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

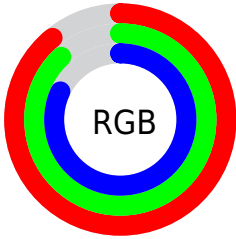
Format	Color
RYB	212, 227, 208
Decimal	14934224
CIELab	89.02, -1.72, 8.17
CIELCh	89, 8.348, 101.922
Yxy	74.1963, 0.3254, 0.3463
Android (android.graphics.Color)	4293124304 (0xFFE3E0D0)
YUV	223.0730, -7.4310, 3.4440
Hunter-Lab	86.1373, -6.2647, 11.8799

Details

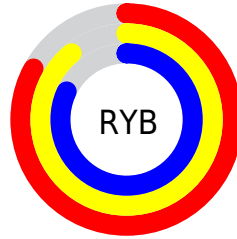
The Yxy color **74.1963, 0.3254, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5516, 0.2998, 0.3111**, and the grayscale version is **73.8983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4797, 0.3284, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **71.2645, 0.3415, 0.3677**, and if you desaturate by 10%, it is **77.3346, 0.3103, 0.3257**.

Distribution



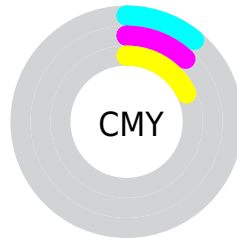
- Red (89%)
- Green (88%)
- Blue (82%)



- Red (83%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1963, 0.3254, 0.3463 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 74.1963, 0.3254, 0.3463 by changing the saturation by 10% instead.

■ 74.1963, 0.3254,
0.3463

■ 74.1963, 0.3254,
0.3463

475.1506, 0.3196,
0.3383

■ 54.9547, 0.3267,
0.3481

125.1740, 0.3234,
0.3435

■ 39.3655, 0.3284,
0.3504

157.6790, 0.3226,
0.3424

■ 27.0442, 0.3304,
0.3533

195.3738, 0.3219,
0.3415

■ 17.6064, 0.3331,
0.3570

238.6430, 0.3213,
0.3407

■ 10.6678, 0.3368,
0.3622

287.8709, 0.3208,
0.3400

■ 5.8439, 0.3420,
0.3696

343.4418, 0.3203,

■ 2.7504, 0.3502,

0.3394

0.3814

405.7403, 0.3199,
0.3388

■ 1.0029, 0.3742,
0.4133

■ 0.0000, 0.0000,
0.0000

■ 74.1963, 0.3254,
0.3463

■ 74.1963, 0.3254,
0.3463

■ 71.2645, 0.3415,
0.3677

■ 77.3346, 0.3103,
0.3257

■ 68.5226, 0.3583,
0.3895

■ 80.6764, 0.2963,
0.3062

■ 65.9663, 0.3754,
0.4108

■ 82.7948, 0.2955,
0.3083

■ 63.5875, 0.3922,
0.4308

■ 84.8532, 0.2955,
0.3120

61.3774, 0.4080,
0.4486

86.9528, 0.2956,
0.3156

59.3263, 0.4222,
0.4630

89.0936, 0.2956,
0.3193

57.4231, 0.4341,
0.4733

91.2761, 0.2957,
0.3229

55.6548, 0.4432,
0.4791

93.5004, 0.2957,
0.3265

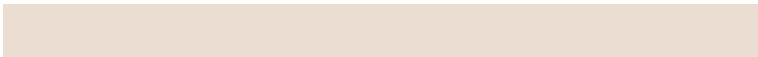
54.0027, 0.4495,
0.4805

95.0684, 0.2958,
0.3290

Harmonies

Analogous

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



74.1963, 0.3313, 0.3426



74.1963, 0.3254, 0.3463



74.1963, 0.3162, 0.3453

Triad

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



74.1963, 0.3254, 0.3463



74.1963, 0.2937, 0.3221



74.1963, 0.3191, 0.3187

Complementary

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



74.1963, 0.3254, 0.3463



65.5516, 0.2998, 0.3111

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.



74.1963, 0.3090, 0.3134



74.1963, 0.3254, 0.3463



74.1963, 0.2945, 0.3152

Square

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



74.1963, 0.3254, 0.3463



74.1963, 0.2980, 0.3311



74.1963, 0.3000, 0.3121



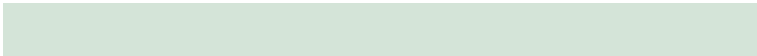
74.1963, 0.3276, 0.3267

Rectangle

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



74.1963, 0.3254, 0.3463



74.1963, 0.3094, 0.3420



74.1963, 0.3000, 0.3121



74.1963, 0.3158, 0.3166

Sweetspot

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



74.1995, 0.3254, 0.3463



98.7529, 0.3172, 0.3352



66.1676, 0.3248, 0.3256



21.0667, 0.3184, 0.3368



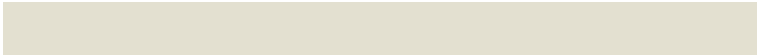
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



74.1995, 0.3254, 0.3463



95.9365, 0.3281, 0.3499



74.8053, 0.3206, 0.3497



16.4113, 0.3271, 0.3487



31.4860, 0.4499, 0.4809



2.4309, 0.4447, 0.4851

Inverse Universe

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



65.5516, 0.2998, 0.3111



82.5244, 0.2970, 0.3072



65.0203, 0.3044, 0.3080



14.2508, 0.2980, 0.3086



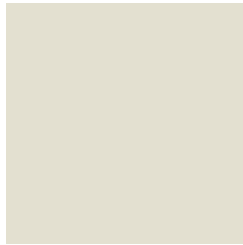
4.0666, 0.1538, 0.0736



0.4129, 0.1602, 0.0966

Previews

White Background



This preview shows how the Yxy color 74.1963, 0.3254, 0.3463 looks on a white background.

Color Contrast Check

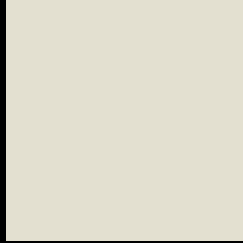
Large Text (above 18pt) WCAG AA × Fail

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 74.1963, 0.3254, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

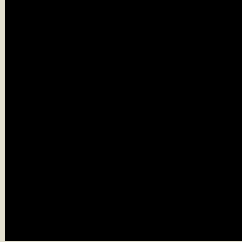
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

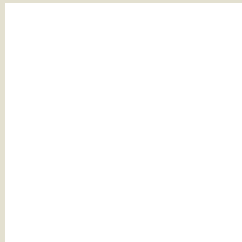
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1963, 0.3254, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 74.1963, 0.3254, 0.3463.



This preview shows how white text looks on a background with the Yxy color 74.1963, 0.3254, 0.3463.

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

74.1963, 0.3254, 0.3463

Protanopia

74.2693, 0.3291, 0.3462

Deuteranopia

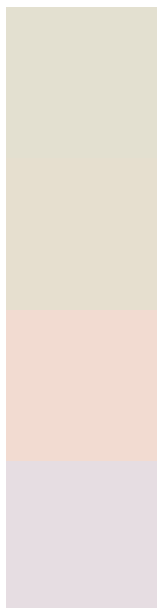
74.0889, 0.3422, 0.3353



Tritanopia

74.2897, 0.3093, 0.3112

Trichromacy



Original Color

74.1963, 0.3254, 0.3463

Protanomaly

74.1033, 0.3284, 0.3462

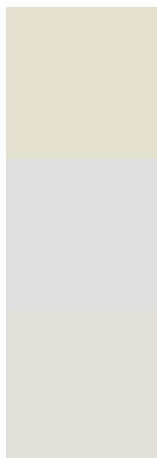
Deuteranomaly

74.1437, 0.3364, 0.3395

Tritanomaly

74.0269, 0.3158, 0.3237

Monochromacy



Original Color

74.1963, 0.3254, 0.3463

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.6846, 0.3167, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1963, 0.3254, 0.3463 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(227, 224, 208) looks like.

```
.text, #text, p{  
    color:rgb(227, 224, 208)  
}
```

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(227, 224, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 224, 208) }
```

Border

The CSS property to change the border of an element to Yxy 74.1963, 0.3254, 0.3463 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(227, 224, 208) }
```

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

```
.border{ border-color:rgb(227, 224, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 224, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 224, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 224, 208);  
box-shadow:4px 4px 4px 4px rgb(227, 224,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1963, 0.3254, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 224, 208) }
```

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

```
.background{ background-color: rgb(227,  
224, 208) }
```

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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