

Converting Colors

$Yxy(73.9424, 0.3161, 0.3306)$

Have a look what the booklet for
Yxy(73.9424, 0.3161, 0.3306)
contains.

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Color

Yxy(74.1646, 0.3161, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E2DFDD
RGB	226, 223, 221
RGB Percent	89%, 87%, 87%
CMY	0.1140, 0.1254, 0.1334
CMYK	0.00, 0.01, 0.02, 0.11
HSL	25°, 8%, 88%
HSV	25°, 2%, 89%
XYZ	70.7833, 74.1646, 78.9790
YIQ	223.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

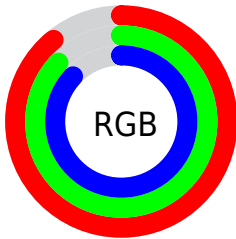
Format	Color
R _Y B	226, 224, 221
Decimal	14868445
CIE Lab	89.00, 0.62, 1.34
CIE LCh	89, 1.474, 64.943
Yxy	74.1646, 0.3161, 0.3312
Android (android.graphics.Color)	4293058525 (0xFFE2DFDD)
YUV	223.6690, -1.3158, 2.0443
Hunter-Lab	86.1189, -3.9943, 5.9088

Details

The Yxy color **74.1646, 0.3161, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1030, 0.3094, 0.3268**, and the grayscale version is **74.2954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4164, 0.3172, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **66.2430, 0.3331, 0.3417**, and if you desaturate by 10%, it is **82.8077, 0.3015, 0.3214**.

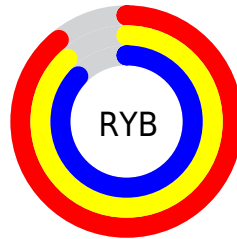
Distribution



Red (89%)

Green (87%)

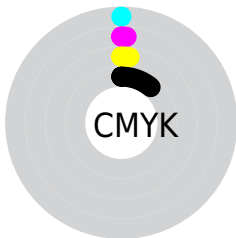
Blue (87%)



Red (89%)

Yellow (88%)

Blue (87%)

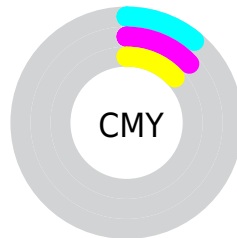


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1646, 0.3161, 0.3312 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 74.1646, 0.3161, 0.3312 by changing the saturation by 10% instead.

■ 74.1646, 0.3161,
0.3312

■ 74.1646, 0.3161,
0.3312

475.0413, 0.3145,
0.3302

■ 54.9288, 0.3165,
0.3314

125.1291, 0.3156,
0.3309

■ 39.3447, 0.3169,
0.3317

157.6266, 0.3153,
0.3307

■ 27.0280, 0.3175,
0.3321

195.3134, 0.3152,
0.3306

■ 17.5942, 0.3182,
0.3325

238.5739, 0.3150,
0.3305

■ 10.6591, 0.3192,
0.3332

287.7926, 0.3149,
0.3304

■ 5.8381, 0.3206,
0.3341

343.3538, 0.3147,

■ 2.7469, 0.3229,

0.3303

405.6419, 0.3146,
0.3303

0.3355

1.0011, 0.3270,
0.3381

0.0000, 0.0000,
0.0000

74.1646, 0.3161,
0.3312

74.1646, 0.3161,
0.3312

66.2430, 0.3331,
0.3417

82.8077, 0.3015,
0.3214

59.0144, 0.3528,
0.3528

91.4405, 0.2951,
0.3234

52.4619, 0.3756,
0.3641

94.8967, 0.2952,
0.3289

46.5648, 0.4014,
0.3753

■ 41.3010, 0.4302,
0.3856

■ 36.6470, 0.4611,
0.3938

■ 32.5775, 0.4929,
0.3988

■ 29.0650, 0.5234,
0.3992

■ 26.0787, 0.5502,
0.3943

Harmonies

Analogous

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



74.1646, 0.3160, 0.3298



74.1646, 0.3161, 0.3312



74.1646, 0.3153, 0.3320

Triad

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



74.1646, 0.3161, 0.3312



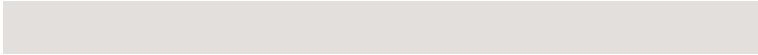
74.1646, 0.3104, 0.3298



74.1646, 0.3117, 0.3261

Complementary

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



74.1646, 0.3161, 0.3312



74.1030, 0.3094, 0.3268

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.



74.1646, 0.3102, 0.3261



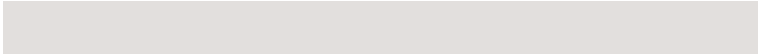
74.1646, 0.3161, 0.3312



74.1646, 0.3094, 0.3282

Square

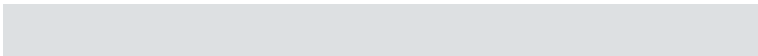
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1646, 0.3161, 0.3312



74.1646, 0.3120, 0.3312



74.1646, 0.3094, 0.3268



74.1646, 0.3135, 0.3269

Rectangle

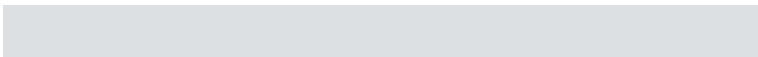
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



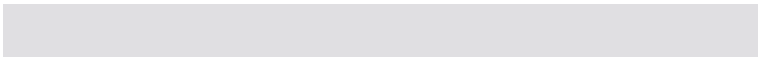
74.1646, 0.3161, 0.3312



74.1646, 0.3143, 0.3321



74.1646, 0.3094, 0.3268



74.1646, 0.3111, 0.3260

Sweetspot

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



74.1678, 0.3161, 0.3312



98.8873, 0.3143, 0.3300



73.2403, 0.3143, 0.3258



21.1777, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

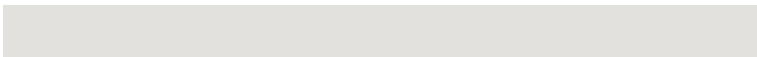
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1678, 0.3161, 0.3312



96.6905, 0.3174, 0.3321



75.4601, 0.3159, 0.3338



15.5938, 0.3186, 0.3328



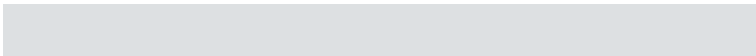
13.9708, 0.5651, 0.3895



1.1419, 0.5374, 0.4115

Inverse Universe

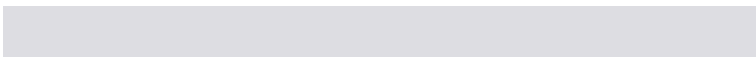
The Inverse Universe completely reimagines the original color for something new.



74.1030, 0.3094, 0.3268



96.5733, 0.3081, 0.3259



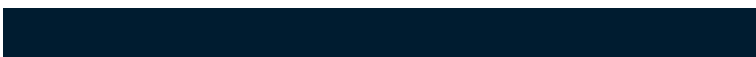
72.8224, 0.3095, 0.3242



15.5701, 0.3069, 0.3251



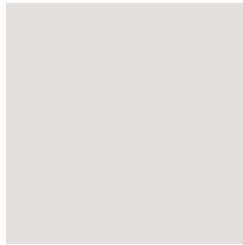
12.8513, 0.1855, 0.1879



1.0661, 0.1922, 0.2118

Previews

White Background



This preview shows how the Yxy color 74.1646, 0.3161, 0.3312 looks on a white background.

Color Contrast Check

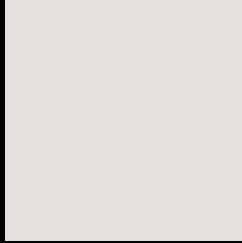
Large Text (above 18pt) WCAG AA × Fail

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 74.1646, 0.3161, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

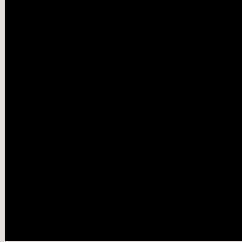
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

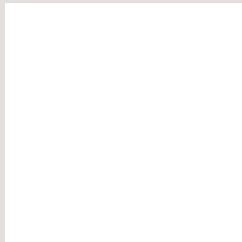
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1646, 0.3161, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 74.1646, 0.3161, 0.3312.

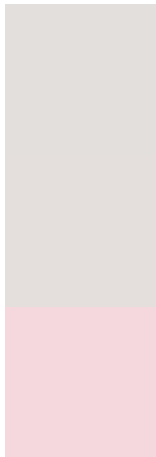


This preview shows how white text looks on a background with the Yxy color 74.1646, 0.3161, 0.3312.

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

74.1646, 0.3161, 0.3312

Protanopia

73.9570, 0.3176, 0.3301

Deuteranopia

73.7981, 0.3299, 0.3229



Tritanopia

73.8534, 0.3066, 0.3101

Trichromacy



Original Color

74.1646, 0.3161, 0.3312

Protanomaly

73.7939, 0.3169, 0.3301

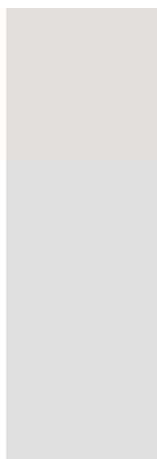
Deuteranomaly

74.1141, 0.3244, 0.3259

Tritanomaly

73.8700, 0.3097, 0.3173

Monochromacy



Original Color

74.1646, 0.3161, 0.3312

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6466, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1646, 0.3161, 0.3312 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(226, 223, 221)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 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(226, 223, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.1646, 0.3161, 0.3312 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(226, 223, 221) }
```

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

```
.border{ border-color:rgb(226, 223, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 221);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1646, 0.3161, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 221) }
```

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

```
.background{ background-color: rgb(226,  
223, 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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