

Converting Colors

Yxy(73.8604, 0.3165, 0.3323)

Have a look what the booklet for
Yxy(73.8604, 0.3165, 0.3323)
contains.

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Color

Yxy(73.9502, 0.3161, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFDC
RGB	225, 223, 220
RGB Percent	88%, 87%, 86%
CMY	0.1175, 0.1255, 0.1372
CMYK	0.00, 0.01, 0.02, 0.12
HSL	36°, 8%, 87%
HSV	36°, 2%, 88%
XYZ	70.3662, 73.9502, 78.2910
YIQ	223.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

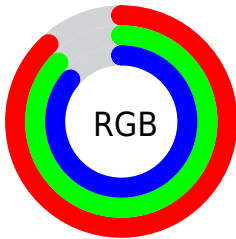
Format	Color
R_{YB}	223, 225, 220
Decimal	14802908
CIE _{Lab}	88.90, 0.17, 1.68
CIE _{LCh}	89, 1.692, 84.274
Yxy	73.9502, 0.3161, 0.3322
Android (android.graphics.Color)	4292992988 (0xFFE1DFDC)
YUV	223.2560, -1.6052, 1.5295
Hunter-Lab	85.9943, -4.4295, 6.2171

Details

The Yxy color **73.9502, 0.3161, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9313, 0.3094, 0.3258**, and the grayscale version is **73.9992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2679, 0.3171, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **68.0826, 0.3325, 0.3471**, and if you desaturate by 10%, it is **80.2489, 0.3016, 0.3182**.

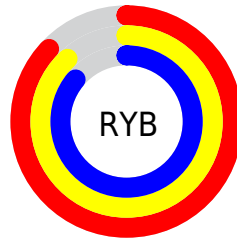
Distribution



Red (88%)

Green (87%)

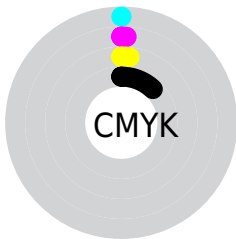
Blue (86%)



Red (87%)

Yellow (88%)

Blue (86%)

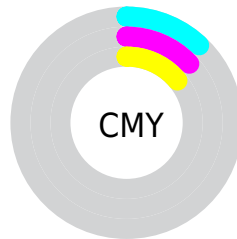


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9502, 0.3161, 0.3322 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 73.9502, 0.3161, 0.3322 by changing the saturation by 10% instead.

■ 73.9502, 0.3161,
0.3322

■ 73.9502, 0.3161,
0.3322

474.3015, 0.3145,
0.3307

■ 54.7533, 0.3165,
0.3325

124.8252, 0.3156,
0.3317

■ 39.2042, 0.3169,
0.3329

157.2721, 0.3153,
0.3315

■ 26.9186, 0.3175,
0.3335

194.9044, 0.3152,
0.3313

■ 17.5121, 0.3182,
0.3342

238.1066, 0.3150,
0.3312

■ 10.6003, 0.3192,
0.3351

287.2630, 0.3149,
0.3310

■ 5.7987, 0.3206,
0.3364

342.7580, 0.3147,

■ 2.7231, 0.3229,

0.3309

0.3386

404.9760, 0.3146,
0.3308

0.9889, 0.3270,
0.3424

0.0000, 0.0000,
0.0000

73.9502, 0.3161,
0.3322

73.9502, 0.3161,
0.3322

68.0826, 0.3325,
0.3471

80.2489, 0.3016,
0.3182

62.6259, 0.3508,
0.3627

86.3162, 0.2944,
0.3150

57.5725, 0.3710,
0.3786

91.8781, 0.2946,
0.3244

52.9106, 0.3929,
0.3943

94.7523, 0.2946,
0.3289

■ 48.6278, 0.4162,
0.4087

■ 44.7110, 0.4400,
0.4210

■ 41.1456, 0.4632,
0.4299

■ 37.9156, 0.4846,
0.4342

■ 35.0024, 0.5029,
0.4332

Harmonies

Analogous

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



73.9502, 0.3167, 0.3310



73.9502, 0.3161, 0.3322



73.9502, 0.3146, 0.3325

Triad

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



73.9502, 0.3161, 0.3322



73.9502, 0.3092, 0.3287



73.9502, 0.3128, 0.3262

Complementary

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



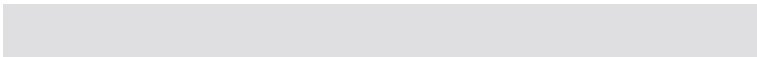
73.9502, 0.3161, 0.3322



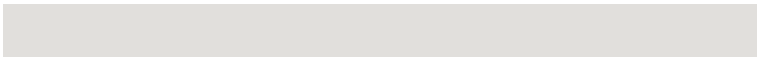
72.9313, 0.3094, 0.3258

Split Complementary

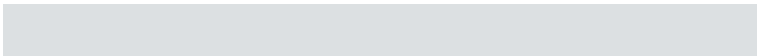
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9502, 0.3108, 0.3255



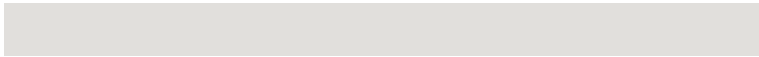
73.9502, 0.3161, 0.3322



73.9502, 0.3088, 0.3270

Square

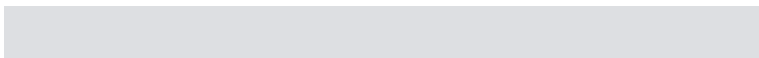
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



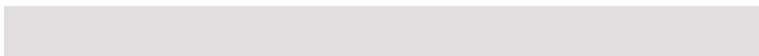
73.9502, 0.3161, 0.3322



73.9502, 0.3106, 0.3305



73.9502, 0.3094, 0.3258



73.9502, 0.3148, 0.3275

Rectangle

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



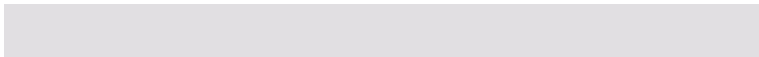
73.9502, 0.3161, 0.3322



73.9502, 0.3133, 0.3322



73.9502, 0.3094, 0.3258



73.9502, 0.3122, 0.3259

Sweetspot

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



73.9534, 0.3161, 0.3322



99.1771, 0.3142, 0.3304



72.4913, 0.3149, 0.3268



21.2367, 0.3142, 0.3304



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.



73.9534, 0.3161, 0.3322



97.5486, 0.3173, 0.3334



74.9804, 0.3157, 0.3344



15.7675, 0.3185, 0.3345



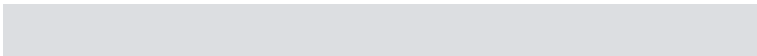
19.2087, 0.5132, 0.4307



1.5060, 0.4948, 0.4453

Inverse Universe

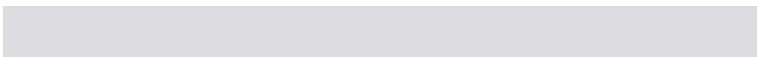
The Inverse Universe completely reimagines the original color for something new.



72.9313, 0.3094, 0.3258



95.7154, 0.3081, 0.3246



71.9216, 0.3097, 0.3236



15.3966, 0.3070, 0.3235



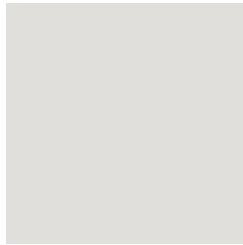
7.7074, 0.1691, 0.1288



0.7069, 0.1776, 0.1594

Previews

White Background



This preview shows how the Yxy color 73.9502, 0.3161, 0.3322 looks on a white background.

Color Contrast Check

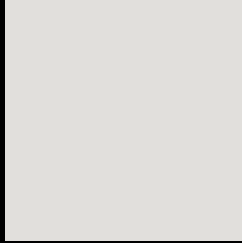
Large Text (above 18pt) WCAG AA × Fail

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 73.9502, 0.3161, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

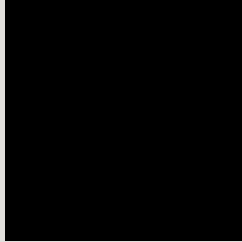
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

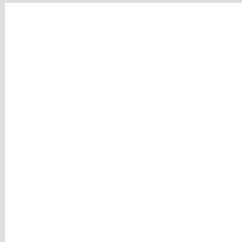
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9502, 0.3161, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 73.9502, 0.3161, 0.3322.

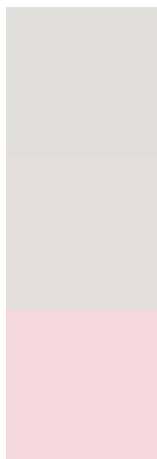


This preview shows how white text looks on a background with the Yxy color 73.9502, 0.3161, 0.3322.

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

73.9502, 0.3161, 0.3322

Protanopia

73.9038, 0.3183, 0.3312

Deuteranopia

73.7447, 0.3306, 0.3239



Tritanopia

73.8534, 0.3066, 0.3101

Trichromacy



Original Color

73.9502, 0.3161, 0.3322

Protanomaly

73.7408, 0.3176, 0.3312

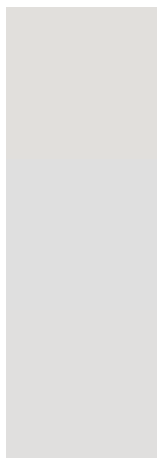
Deuteranomaly

74.0606, 0.3251, 0.3269

Tritanomaly

73.8133, 0.3104, 0.3184

Monochromacy



Original Color

73.9502, 0.3161, 0.3322

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8966, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9502, 0.3161, 0.3322 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(225, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 220)  
}
```

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(225, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.9502, 0.3161, 0.3322 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(225, 223, 220) }
```

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

```
.border{ border-color:rgb(225, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9502, 0.3161, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 220) }
```

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

```
.background{ background-color: rgb(225,  
223, 220) }
```

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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