

Converting Colors

$Yxy(73.3281, 0.3145, 0.3320)$

Have a look what the booklet for
Yxy(73.3281, 0.3145, 0.3320)
contains.

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Color

Yxy(73.6306, 0.3147, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	DFDFDC
RGB	223, 223, 220
RGB Percent	87%, 87%, 86%
CMY	0.1253, 0.1255, 0.1372
CMYK	0.00, 0.00, 0.01, 0.13
HSL	59°, 5%, 87%
HSV	59°, 1%, 87%
XYZ	69.7518, 73.6306, 78.2630
YIQ	222.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

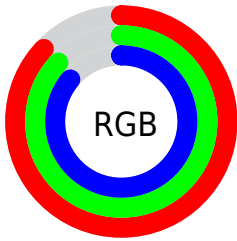
Format	Color
R _Y B	220, 223, 220
Decimal	14671836
CIE Lab	88.75, -0.50, 1.44
CIE LCh	89, 1.528, 109.065
Yxy	73.6306, 0.3147, 0.3322
Android (android.graphics.Color)	4292861916 (0xFFDFDFDC)
YUV	222.6580, -1.3104, 0.2999
Hunter-Lab	85.8083, -5.0655, 5.9893

Details

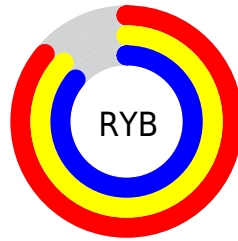
The Yxy color **73.6306, 0.3147, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7849, 0.3107, 0.3258**, and the grayscale version is **73.5532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0467, 0.3153, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **72.2708, 0.3297, 0.3563**, and if you desaturate by 10%, it is **75.1551, 0.3004, 0.3091**.

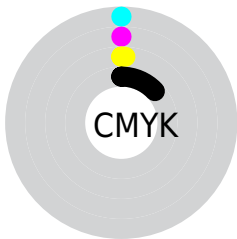
Distribution



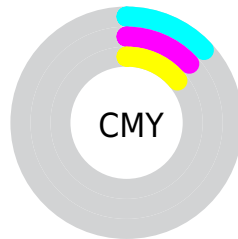
- Red (87%)
- Green (87%)
- Blue (86%)



- Red (86%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6306, 0.3147, 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 73.6306, 0.3147, 0.3322 by changing the saturation by 10% instead.

■ 73.6306, 0.3147,
0.3322

■ 73.6306, 0.3147,
0.3322

473.1975, 0.3138,
0.3307

■ 54.4918, 0.3149,
0.3325

124.3720, 0.3144,
0.3317

■ 38.9949, 0.3152,
0.3330

156.7434, 0.3143,
0.3315

■ 26.7558, 0.3155,
0.3335

194.2944, 0.3142,
0.3313

■ 17.3899, 0.3159,
0.3342

237.4094, 0.3141,
0.3312

■ 10.5129, 0.3165,
0.3351

286.4728, 0.3140,
0.3310

■ 5.7403, 0.3173,
0.3365

341.8690, 0.3139,

■ 2.6878, 0.3187,

0.3309

403.9824, 0.3138,
0.3308

0.3386

0.9710, 0.3211,
0.3426

0.0000, 0.0000,
0.0000

73.6306, 0.3147,
0.3322

73.6306, 0.3147,
0.3322

72.2708, 0.3297,
0.3563

75.1551, 0.3004,
0.3091

71.0602, 0.3450,
0.3810

76.2045, 0.2927,
0.2969

69.9951, 0.3604,
0.4055

76.4653, 0.2927,
0.2974

69.0686, 0.3751,
0.4289

76.7268, 0.2927,
0.2979

68.2729, 0.3887,
0.4504

76.9891, 0.2928,
0.2984

67.5997, 0.4005,
0.4688

77.2522, 0.2928,
0.2989

67.0394, 0.4100,
0.4834

77.5160, 0.2928,
0.2994

66.5813, 0.4169,
0.4938

77.7805, 0.2928,
0.2999

66.2124, 0.4212,
0.4998

78.0458, 0.2928,
0.3004

Harmonies

Analogous

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



73.6306, 0.3159, 0.3318



73.6306, 0.3147, 0.3322



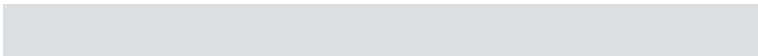
73.6306, 0.3129, 0.3318

Triad

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



73.6306, 0.3147, 0.3322



73.6306, 0.3092, 0.3274



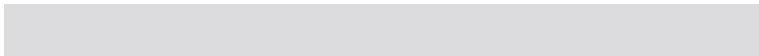
73.6306, 0.3143, 0.3274

Complementary

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



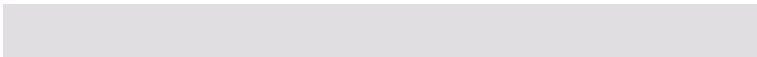
73.6306, 0.3147, 0.3322



71.7849, 0.3107, 0.3258

Split Complementary

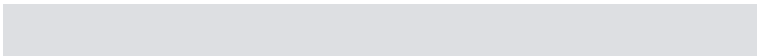
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6306, 0.3125, 0.3263



73.6306, 0.3147, 0.3322



73.6306, 0.3095, 0.3263

Square

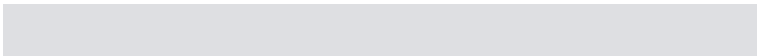
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6306, 0.3147, 0.3322



73.6306, 0.3097, 0.3290



73.6306, 0.3107, 0.3259



73.6306, 0.3157, 0.3290

Rectangle

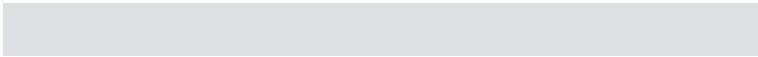
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6306, 0.3147, 0.3322



73.6306, 0.3117, 0.3311



73.6306, 0.3107, 0.3259



73.6306, 0.3137, 0.3270

Sweetspot

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



73.6338, 0.3147, 0.3322

100.0000, 0.3127, 0.3290



72.0706, 0.3148, 0.3289



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.



73.6338, 0.3147, 0.3322



99.6052, 0.3157, 0.3338



73.4454, 0.3137, 0.3323



16.2045, 0.3155, 0.3335



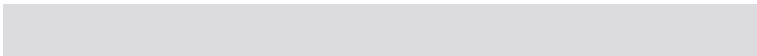
38.7777, 0.4231, 0.5022



2.7043, 0.4225, 0.5027

Inverse Universe

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



71.7849, 0.3107, 0.3258



95.9035, 0.3097, 0.3242



71.9718, 0.3117, 0.3257



15.6394, 0.3099, 0.3245



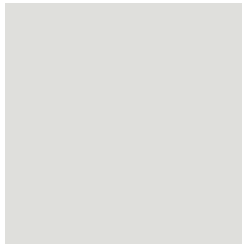
3.2156, 0.1504, 0.0614



0.2400, 0.1516, 0.0656

Previews

White Background



This preview shows how the Yxy color 73.6306, 0.3147, 0.3322 looks on a white background.

Color Contrast Check

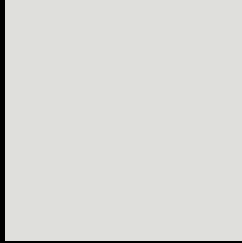
Large Text (above 18pt) WCAG AA × Fail

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 73.6306, 0.3147, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

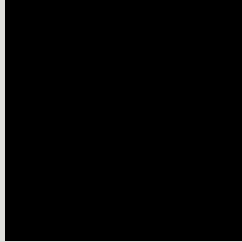
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

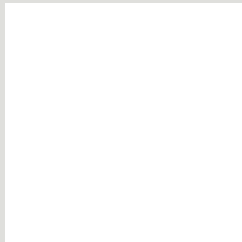
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6306, 0.3147, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 73.6306, 0.3147, 0.3322.

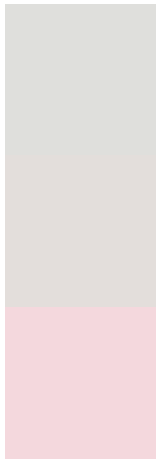


This preview shows how white text looks on a background with the Yxy color 73.6306, 0.3147, 0.3322.

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

73.6306, 0.3147, 0.3322

Protanopia

73.6879, 0.3182, 0.3322

Deuteranopia

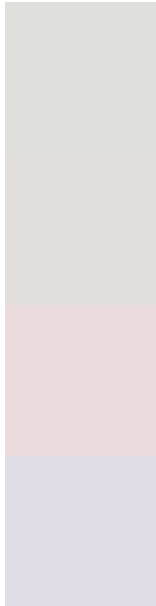
73.5653, 0.3298, 0.3239



Tritanopia

73.5282, 0.3052, 0.3100

Trichromacy



Original Color

73.6306, 0.3147, 0.3322

Protanomaly

73.5258, 0.3175, 0.3322

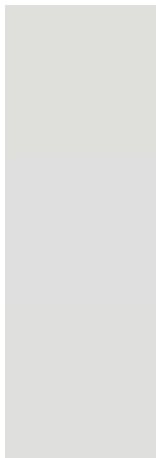
Deuteranomaly

73.7164, 0.3236, 0.3269

Tritanomaly

73.4900, 0.3090, 0.3183

Monochromacy



Original Color

73.6306, 0.3147, 0.3322

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7373, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6306, 0.3147, 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(223, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 223, 220) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 73.6306, 0.3147, 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(223, 223, 220) }
```

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

```
.border{ border-color:rgb(223, 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(223, 223, 220)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 73.6306, 0.3147, 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(223, 223, 220) }
```

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

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