

Converting Colors

Yxy(73.8384, 0.3151, 0.3321)

Have a look what the booklet for
Yxy(73.8384, 0.3151, 0.3321)
contains.

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Color

Yxy(73.7900, 0.3154, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	E0DFDC
RGB	224, 223, 220
RGB Percent	88%, 87%, 86%
CMY	0.1214, 0.1255, 0.1372
CMYK	0.00, 0.00, 0.02, 0.12
HSL	44°, 6%, 87%
HSV	44°, 2%, 88%
XYZ	70.0583, 73.7900, 78.2769
YIQ	222.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

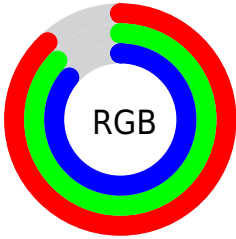
Format	Color
R _Y B	221, 224, 220
Decimal	14737372
CIE Lab	88.82, -0.17, 1.56
CIE LCh	89, 1.573, 96.028
Yxy	73.7900, 0.3154, 0.3322
Android (android.graphics.Color)	4292927452 (0xFFE0DFDC)
YUV	222.9570, -1.4578, 0.9147
Hunter-Lab	85.9011, -4.7478, 6.1031

Details

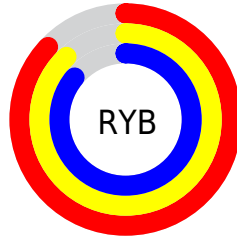
The Yxy color **73.7900, 0.3154, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3568, 0.3100, 0.3258**, and the grayscale version is **73.7761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1569, 0.3162, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **69.6057, 0.3312, 0.3506**, and if you desaturate by 10%, it is **78.2482, 0.3010, 0.3148**.

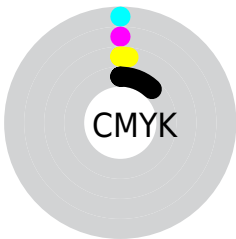
Distribution



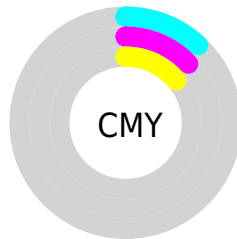
- Red (88%)
- Green (87%)
- Blue (86%)



- Red (87%)
- Yellow (88%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7900, 0.3154, 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 73.7900, 0.3154, 0.3322 by changing the saturation by 10% instead.

■ 73.7900, 0.3154,
0.3322

■ 73.7900, 0.3154,
0.3322

473.7483, 0.3142,
0.3307

■ 54.6222, 0.3157,
0.3325

124.5981, 0.3150,
0.3317

■ 39.0993, 0.3160,
0.3330

157.0071, 0.3148,
0.3315

■ 26.8370, 0.3165,
0.3335

194.5987, 0.3147,
0.3313

■ 17.4508, 0.3170,
0.3342

237.7572, 0.3145,
0.3312

■ 10.5564, 0.3178,
0.3351

286.8670, 0.3144,
0.3310

■ 5.7694, 0.3190,
0.3365

342.3125, 0.3143,

■ 2.7054, 0.3208,

0.3309

404.4781, 0.3142,
0.3308

0.3386

0.9799, 0.3240,
0.3425

0.0000, 0.0000,
0.0000

73.7900, 0.3154,
0.3322

73.7900, 0.3154,
0.3322

69.6057, 0.3312,
0.3506

78.2482, 0.3010,
0.3148

65.6785, 0.3483,
0.3697

82.3282, 0.2936,
0.3082

62.0037, 0.3666,
0.3891

85.7353, 0.2937,
0.3143

58.5730, 0.3856,
0.4079

89.2541, 0.2939,
0.3203

■ 55.3774, 0.4047,
0.4255

■ 92.8856, 0.2940,
0.3262

■ 52.4073, 0.4234,
0.4406

■ 94.5940, 0.2941,
0.3289

■ 49.6519, 0.4406,
0.4522

■ 47.0990, 0.4555,
0.4595

■ 44.7342, 0.4675,
0.4619

Harmonies

Analogous

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



73.7900, 0.3163, 0.3314



73.7900, 0.3154, 0.3322



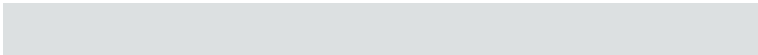
73.7900, 0.3138, 0.3322

Triad

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



73.7900, 0.3154, 0.3322



73.7900, 0.3092, 0.3281



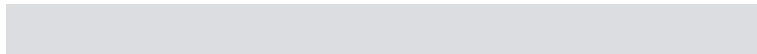
73.7900, 0.3136, 0.3268

Complementary

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



73.7900, 0.3154, 0.3322



72.3568, 0.3100, 0.3258

Split Complementary

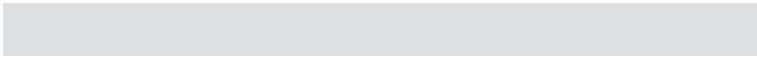
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7900, 0.3117, 0.3259



73.7900, 0.3154, 0.3322



73.7900, 0.3091, 0.3266

Square

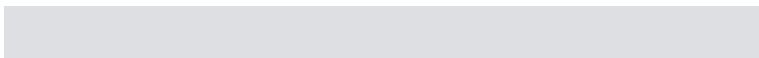
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7900, 0.3154, 0.3322



73.7900, 0.3102, 0.3298



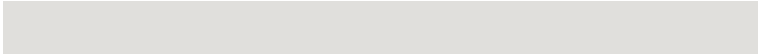
73.7900, 0.3101, 0.3259



73.7900, 0.3153, 0.3283

Rectangle

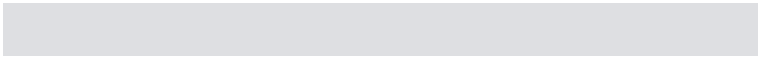
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7900, 0.3154, 0.3322



73.7900, 0.3125, 0.3316



73.7900, 0.3101, 0.3259



73.7900, 0.3129, 0.3264

Sweetspot

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



73.7932, 0.3154, 0.3322



99.4118, 0.3142, 0.3308



72.2792, 0.3149, 0.3279



21.2844, 0.3141, 0.3307



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

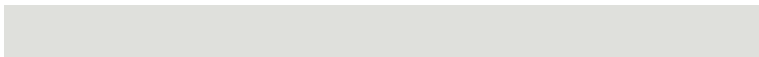
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7932, 0.3154, 0.3322



98.8273, 0.3157, 0.3326



74.2072, 0.3147, 0.3333



16.0858, 0.3155, 0.3324



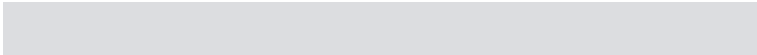
25.1654, 0.4744, 0.4616



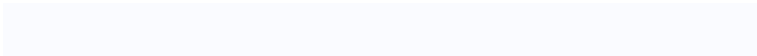
1.8874, 0.4640, 0.4698

Inverse Universe

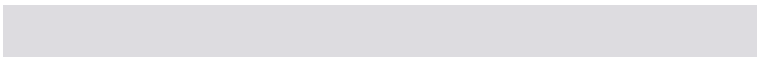
The Inverse Universe completely reimagines the original color for something new.



72.3568, 0.3100, 0.3258



96.6665, 0.3097, 0.3254



71.9500, 0.3107, 0.3246



15.7559, 0.3099, 0.3256



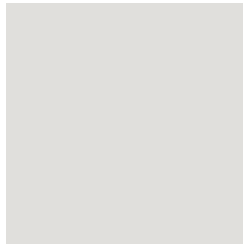
5.0898, 0.1588, 0.0918



0.4968, 0.1671, 0.1216

Previews

White Background



This preview shows how the Yxy color 73.7900, 0.3154, 0.3322 looks on a white background.

Color Contrast Check

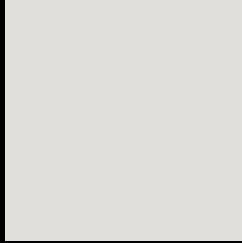
Large Text (above 18pt) WCAG AA × Fail

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 73.7900, 0.3154, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

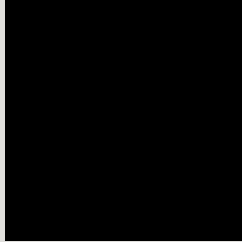
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

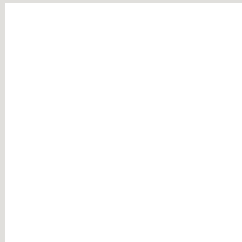
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7900, 0.3154, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 73.7900, 0.3154, 0.3322.

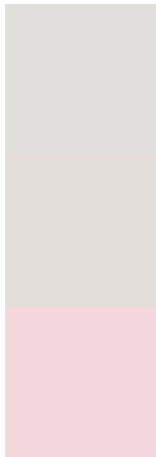


This preview shows how white text looks on a background with the Yxy color 73.7900, 0.3154, 0.3322.

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

73.7900, 0.3154, 0.3322

Protanopia

73.8510, 0.3190, 0.3322

Deuteranopia

73.7447, 0.3306, 0.3239



Tritanopia

73.6903, 0.3059, 0.3100

Trichromacy



Original Color

73.7900, 0.3154, 0.3322

Protanomaly

73.6879, 0.3182, 0.3322

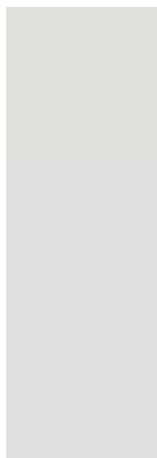
Deuteranomaly

73.8880, 0.3244, 0.3269

Tritanomaly

73.6512, 0.3097, 0.3184

Monochromacy



Original Color

73.7900, 0.3154, 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 73.7900, 0.3154, 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(224, 223, 220) looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.7900, 0.3154, 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(224, 223, 220) }
```

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

```
.border{ border-color:rgb(224, 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(224, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7900, 0.3154, 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(224, 223, 220) }
```

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

```
.background{ background-color: rgb(224,  
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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