

Converting Colors

$Yxy(73.9524, 0.3040, 0.3356)$

Have a look what the booklet for
Yxy(73.9524, 0.3040, 0.3356)
contains.

Yxy(73.7139, 0.3042, 0.3356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.7139, 0.3042, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	D1E3DD
RGB	209, 227, 221
RGB Percent	82%, 89%, 87%
CMY	0.1804, 0.1098, 0.1333
CMYK	0.08, 0.00, 0.03, 0.11
HSL	160°, 24%, 85%
HSV	160°, 8%, 89%
XYZ	66.8169, 73.7139, 79.1172
YIQ	220.9340, -8.8020, -5.6820

Conversions

Conversions Part 2

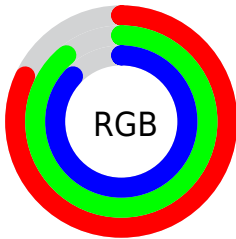
Format	Color
R _Y B	209, 220, 227
Decimal	13755357
CIE Lab	88.79, -7.09, 0.86
CIE LCh	89, 7.138, 173.056
Yxy	73.7139, 0.3042, 0.3356
Android (android.graphics.Color)	4291945437 (0xFFD1E3DD)
YUV	220.9340, 0.0325, -10.4661
Hunter-Lab	85.8568, -11.3341, 5.4639

Details

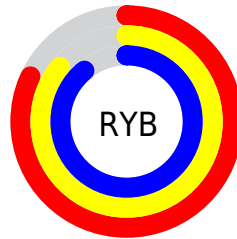
The Yxy color **73.7139, 0.3042, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8434, 0.3220, 0.3225**, and the grayscale version is **72.2650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2268, 0.3026, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **70.2440, 0.2938, 0.3447**, and if you desaturate by 10%, it is **77.6799, 0.3150, 0.3274**.

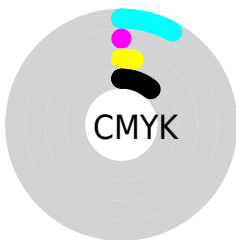
Distribution



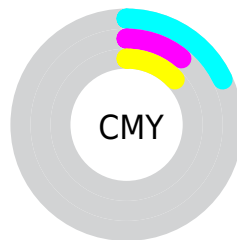
- Red (82%)
- Green (89%)
- Blue (87%)



- Red (82%)
- Yellow (86%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7139, 0.3042, 0.3356 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 73.7139, 0.3042, 0.3356 by changing the saturation by 10% instead.

■ 73.7139, 0.3042,
0.3356

■ 73.7139, 0.3042,
0.3356

473.4854, 0.3081,
0.3326

■ 54.5599, 0.3033,
0.3363

124.4902, 0.3056,
0.3345

■ 39.0495, 0.3022,
0.3372

156.8812, 0.3061,
0.3341

■ 26.7982, 0.3008,
0.3383

194.4534, 0.3066,
0.3338

■ 17.4217, 0.2989,
0.3397

237.5911, 0.3070,
0.3335

■ 10.5356, 0.2964,
0.3417

286.6788, 0.3073,
0.3332

■ 5.7555, 0.2927,
0.3445

342.1008, 0.3076,

■ 2.6970, 0.2870,

0.3330

0.3491

404.2415, 0.3079,
0.3327

■ 0.9757, 0.2757,
0.3578

■ 0.0000, 0.0000,
0.0000

■ 73.7139, 0.3042,
0.3356

■ 73.7139, 0.3042,
0.3356

■ 70.2440, 0.2938,
0.3447

■ 77.6799, 0.3150,
0.3274

■ 67.2409, 0.2840,
0.3548

■ 82.1517, 0.3259,
0.3200

■ 64.6861, 0.2751,
0.3657

■ 82.7128, 0.3213,
0.3127

■ 62.5564, 0.2675,
0.3773

■ 83.1810, 0.3164,
0.3054

■ 60.8265, 0.2614,
0.3896

■ 83.4195, 0.3140,
0.3019

■ 59.4683, 0.2571,
0.4023

■ 58.4499, 0.2547,
0.4152

■ 57.7337, 0.2545,
0.4280

■ 57.2677, 0.2560,
0.4407

Harmonies

Analogous

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



73.7139, 0.3125, 0.3415



73.7139, 0.3042, 0.3356



73.7139, 0.2983, 0.3279

Triad

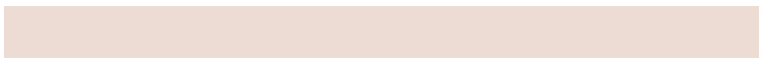
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7139, 0.3042, 0.3356



73.7139, 0.3045, 0.3144



73.7139, 0.3296, 0.3371

Complementary

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



73.7139, 0.3042, 0.3356



66.8434, 0.3220, 0.3225

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.



73.7139, 0.3274, 0.3299



73.7139, 0.3042, 0.3356



73.7139, 0.3128, 0.3169

Square

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



73.7139, 0.3042, 0.3356



73.7139, 0.2984, 0.3158



73.7139, 0.3212, 0.3225



73.7139, 0.3272, 0.3423

Rectangle

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



73.7139, 0.3042, 0.3356



73.7139, 0.2964, 0.3229



73.7139, 0.3212, 0.3225



73.7139, 0.3294, 0.3348

Sweetspot

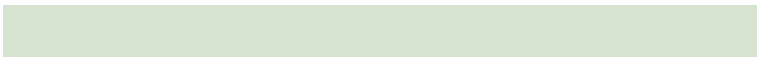
The Sweet Spot groups the original color and five complimentary colors.



73.7170, 0.3042, 0.3356



98.9366, 0.3105, 0.3306



73.9915, 0.3160, 0.3489



21.1876, 0.3106, 0.3305



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.



73.7170, 0.3042, 0.3356



94.9452, 0.3019, 0.3375



72.4161, 0.3005, 0.3257



16.2505, 0.3026, 0.3369



33.3727, 0.2559, 0.4414



2.4832, 0.2508, 0.4229

Inverse Universe

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



66.8434, 0.3220, 0.3225



83.7486, 0.3248, 0.3207



68.0263, 0.3260, 0.3323



14.4468, 0.3240, 0.3212



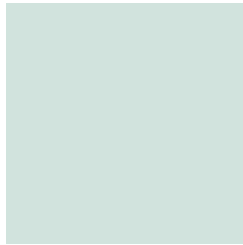
9.8449, 0.5635, 0.2878



0.7443, 0.5224, 0.2651

Previews

White Background



This preview shows how the Yxy color 73.7139, 0.3042, 0.3356 looks on a white background.

Color Contrast Check

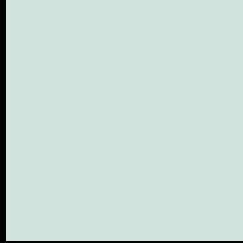
Large Text (above 18pt) WCAG AA × Fail

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 73.7139, 0.3042, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

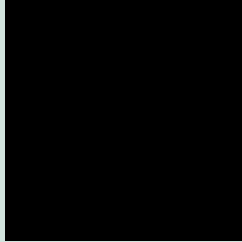
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

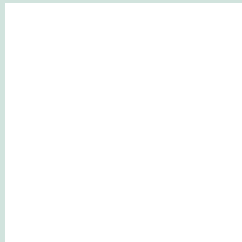
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7139, 0.3042, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 73.7139, 0.3042, 0.3356.

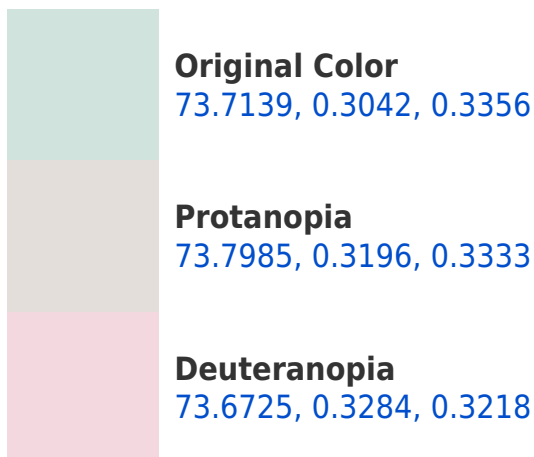


This preview shows how white text looks on a background with the Yxy color 73.7139, 0.3042, 0.3356.

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





Tritanopia

73.7192, 0.2933, 0.3096

Trichromacy



Original Color

73.7139, 0.3042, 0.3356

Protanomaly

73.7979, 0.3139, 0.3344

Deuteranomaly

73.4492, 0.3193, 0.3269

Tritanomaly

73.6398, 0.2975, 0.3192

Monochromacy



Original Color

73.7139, 0.3042, 0.3356

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7475, 0.3098, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7139, 0.3042, 0.3356 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(209, 227, 221)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 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(209, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 221) }
```

Border

The CSS property to change the border of an element to Yxy 73.7139, 0.3042, 0.3356 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(209, 227, 221) }
```

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

```
.border{ border-color:rgb(209, 227, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 227, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 227, 221); box-shadow:4px 4px 4px 4px rgb(209, 227, 221) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7139, 0.3042, 0.3356$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 221) }
```

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

```
.background{ background-color: rgb(209,  
227, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor