

Converting Colors

$Yxy(73.2475, 0.3055, 0.3169)$

Have a look what the booklet for
Yxy(73.2475, 0.3055, 0.3169)
contains.

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Color

Yxy(73.1257, 0.3056, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	DEDDE9
RGB	222, 221, 233
RGB Percent	87%, 87%, 91%
CMY	0.1296, 0.1332, 0.0864
CMYK	0.05, 0.05, 0.00, 0.09
HSL	245°, 21%, 89%
HSV	245°, 5%, 91%
XYZ	70.6743, 73.1257, 87.4641
YIQ	222.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

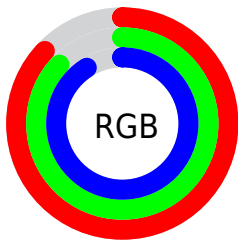
Format	Color
R _Y B	222, 221, 233
Decimal	14605801
CIE Lab	88.51, 2.51, -5.73
CIE LCh	89, 6.259, 293.689
Yxy	73.1257, 0.3056, 0.3162
Android (android.graphics.Color)	4292795881 (0xFFDEDDDE9)
YUV	222.6670, 5.0942, -0.5850
Hunter-Lab	85.5136, -2.1240, -0.7829

Details

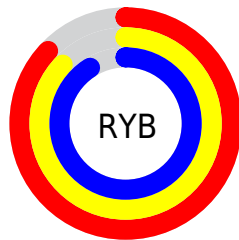
The Yxy color **73.1257, 0.3056, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.6526, 0.3196, 0.3415**, and the grayscale version is **73.5047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6623, 0.3043, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **58.4871, 0.2902, 0.2888**, and if you desaturate by 10%, it is **89.9103, 0.3190, 0.3404**.

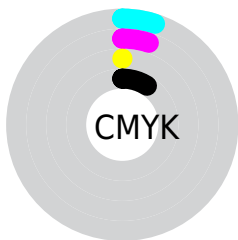
Distribution



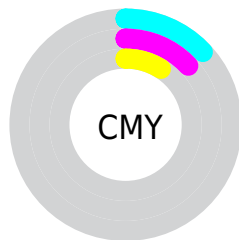
- Red (87%)
- Green (87%)
- Blue (91%)



- Red (87%)
- Yellow (87%)
- Blue (91%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1257, 0.3056, 0.3162 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 73.1257, 0.3056, 0.3162 by changing the saturation by 10% instead.

■ 73.1257, 0.3056,
0.3162

■ 73.1257, 0.3056,
0.3162

471.4504, 0.3089,
0.3221

■ 54.0788, 0.3048,
0.3149

123.6556, 0.3067,
0.3182

■ 38.6646, 0.3039,
0.3132

155.9074, 0.3072,
0.3190

■ 26.4989, 0.3027,
0.3111

193.3296, 0.3076,
0.3197

■ 17.1973, 0.3012,
0.3084

236.3066, 0.3079,
0.3203

■ 10.3752, 0.2990,
0.3047

285.2228, 0.3082,
0.3208

■ 5.6485, 0.2959,
0.2994

340.4625, 0.3085,

■ 2.6325, 0.2910,

0.3213

0.2912

402.4102, 0.3087,
0.3217

■ 0.9430, 0.2822,
0.2766

■ 0.0000, 0.0000,
0.0000

■ 73.1257, 0.3056,
0.3162

■ 73.1257, 0.3056,
0.3162

■ 58.4871, 0.2902,
0.2888

■ 89.9103, 0.3190,
0.3404

■ 45.8990, 0.2728,
0.2582

■ 98.6620, 0.3256,
0.3503

■ 35.2726, 0.2537,
0.2249

■ 26.5089, 0.2333,
0.1900

■ 19.5005, 0.2126,
0.1552

■ 14.1288, 0.1930,
0.1229

■ 10.2605, 0.1759,
0.0957

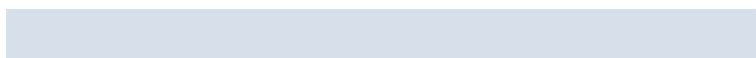
■ 7.7413, 0.1628,
0.0759

■ 6.3835, 0.1544,
0.0643

Harmonies

Analogous

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



73.1257, 0.3002, 0.3173



73.1257, 0.3056, 0.3162



73.1257, 0.3130, 0.3185

Triad

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



73.1257, 0.3056, 0.3162



73.1257, 0.3275, 0.3362



73.1257, 0.3051, 0.3347

Complementary

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



73.1257, 0.3056, 0.3162



80.6526, 0.3196, 0.3415

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.



73.1257, 0.3123, 0.3399



73.1257, 0.3056, 0.3162



73.1257, 0.3254, 0.3407

Square

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



73.1257, 0.3056, 0.3162



73.1257, 0.3257, 0.3299



73.1257, 0.3198, 0.3421



73.1257, 0.2999, 0.3279

Rectangle

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



73.1257, 0.3056, 0.3162



73.1257, 0.3180, 0.3215



73.1257, 0.3198, 0.3421



73.1257, 0.3074, 0.3367

Sweetspot

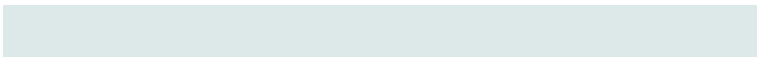
The Sweet Spot groups the original color and five complimentary colors.



73.1288, 0.3056, 0.3162



95.9077, 0.3100, 0.3241



79.0738, 0.3048, 0.3281



20.5710, 0.3101, 0.3243



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.



73.1288, 0.3056, 0.3162



88.0443, 0.3043, 0.3139



74.0682, 0.3097, 0.3164



15.5451, 0.3034, 0.3123



3.4319, 0.1525, 0.0614



0.2889, 0.1590, 0.0649

Inverse Universe

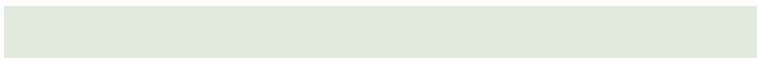
The Inverse Universe completely reimagines the original color for something new.



74.8745, 0.3139, 0.3175



90.5476, 0.3141, 0.3154



79.6897, 0.3156, 0.3417



16.0355, 0.3143, 0.3141



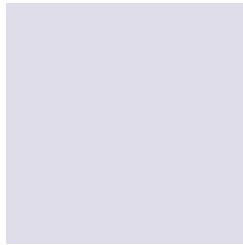
12.6206, 0.3414, 0.1654



0.9970, 0.3382, 0.1637

Previews

White Background



This preview shows how the Yxy color 73.1257, 0.3056, 0.3162 looks on a white background.

Color Contrast Check

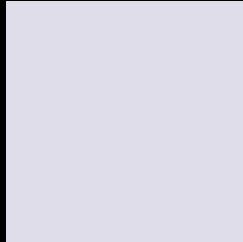
Large Text (above 18pt) WCAG AA × Fail

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 73.1257, 0.3056, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

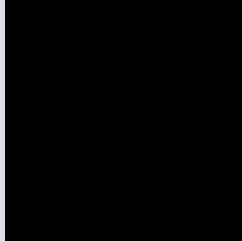
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

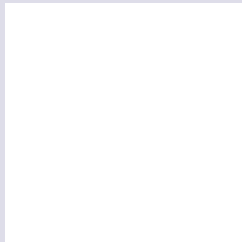
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1257, 0.3056, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 73.1257, 0.3056, 0.3162.

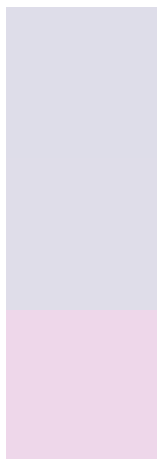


This preview shows how white text looks on a background with the Yxy color 73.1257, 0.3056, 0.3162.

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

73.1257, 0.3056, 0.3162

Protanopia

73.2841, 0.3063, 0.3162

Deuteranopia

72.7185, 0.3165, 0.3093



Tritanopia

73.0474, 0.3031, 0.3099

Trichromacy



Original Color

73.1257, 0.3056, 0.3162

Protanomaly

73.2841, 0.3063, 0.3162

Deuteranomaly

72.7220, 0.3121, 0.3112

Tritanomaly

72.9305, 0.3044, 0.3120

Monochromacy



Original Color

73.1257, 0.3056, 0.3162

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.4766, 0.3102, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1257, 0.3056, 0.3162 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(222, 221, 233)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 233)  
}
```

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(222, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.1257, 0.3056, 0.3162 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(222, 221, 233) }
```

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

```
.border{ border-color:rgb(222, 221, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 233);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1257, 0.3056, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 233) }
```

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

```
.background{ background-color: rgb(222,  
221, 233) }
```

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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