

Converting Colors

$Yxy(72.2583, 0.2969, 0.3055)$

Have a look what the booklet for
Yxy(72.2583, 0.2969, 0.3055)
contains.

Yxy(72.3489, 0.2965, 0.3055)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3489, 0.2965, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	D9DCF2
RGB	217, 220, 242
RGB Percent	85%, 86%, 95%
CMY	0.1493, 0.1371, 0.0510
CMYK	0.10, 0.09, 0.00, 0.05
HSL	233°, 49%, 90%
HSV	233°, 10%, 95%
XYZ	70.2175, 72.3489, 94.2549
YIQ	221.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

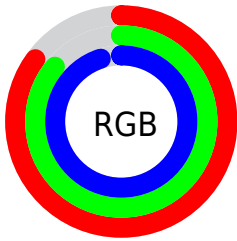
Format	Color
R _Y B	217, 220, 242
Decimal	14277874
CIE Lab	88.14, 3.14, -11.06
CIE LCh	88, 11.500, 285.831
Yxy	72.3489, 0.2965, 0.3055
Android (android.graphics.Color)	4292467954 (0xFFD9DCF2)
YUV	221.6110, 10.0518, -4.0438
Hunter-Lab	85.0582, -1.4958, -6.1599

Details

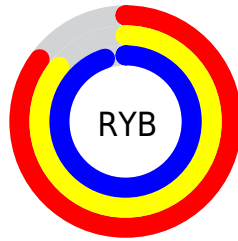
The Yxy color `72.3489, 0.2965, 0.3055` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85.5470, 0.3285, 0.3515`, and the grayscale version is `72.6854, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.1368, 0.2926, 0.2998` is the 20% darker color. If you saturate the color by 10%, you get `58.4769, 0.2791, 0.2798`, and if you desaturate by 10%, it is `88.1826, 0.3122, 0.3283`.

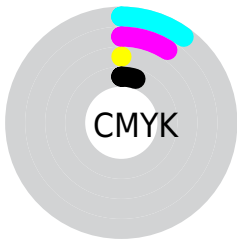
Distribution



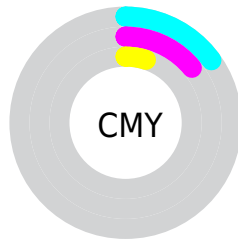
- Red (85%)
- Green (86%)
- Blue (95%)



- Red (85%)
- Yellow (86%)
- Blue (95%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3489, 0.2965, 0.3055 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 72.3489, 0.2965, 0.3055 by changing the saturation by 10% instead.

■ 72.3489, 0.2965,
0.3055

■ 72.3489, 0.2965,
0.3055

468.7551, 0.3040,
0.3163

■ 53.4437, 0.2948,
0.3031

122.5524, 0.2991,
0.3092

■ 38.1571, 0.2927,
0.3000

154.6196, 0.3001,
0.3107

■ 26.1047, 0.2900,
0.2963

191.8429, 0.3010,
0.3119

■ 16.9020, 0.2864,
0.2913

234.6067, 0.3018,
0.3130

■ 10.1646, 0.2816,
0.2847

283.2955, 0.3024,
0.3140

■ 5.5082, 0.2747,
0.2751

338.2935, 0.3030,

■ 2.5484, 0.2638,

0.3148

0.2605

399.9852, 0.3035,
0.3156

0.9008, 0.2446,
0.2354

0.0000, 0.0000,
0.0000

72.3489, 0.2965,
0.3055

72.3489, 0.2965,
0.3055

58.4769, 0.2791,
0.2798

88.1826, 0.3122,
0.3283

46.4814, 0.2601,
0.2512

99.1899, 0.3203,
0.3415

36.2839, 0.2400,
0.2203

27.7974, 0.2196,
0.1879

■ 20.9272, 0.1998,
0.1557

■ 15.5696, 0.1821,
0.1256

■ 11.6083, 0.1677,
0.0998

■ 8.9098, 0.1577,
0.0801

■ 7.3345, 0.1521,
0.0677

Harmonies

Analogous

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



72.3489, 0.2881, 0.3089



72.3489, 0.2965, 0.3055



72.3489, 0.3093, 0.3082

Triad

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



72.3489, 0.2965, 0.3055



72.3489, 0.3400, 0.3392



72.3489, 0.3019, 0.3425

Complementary

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



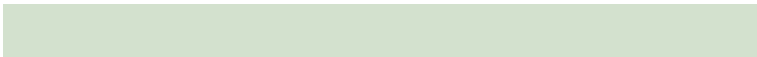
72.3489, 0.2965, 0.3055



85.5470, 0.3285, 0.3515

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.



72.3489, 0.3156, 0.3511



72.3489, 0.2965, 0.3055



72.3489, 0.3378, 0.3488

Square

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



72.3489, 0.2965, 0.3055



72.3489, 0.3347, 0.3273



72.3489, 0.3288, 0.3533



72.3489, 0.2912, 0.3302

Rectangle

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



72.3489, 0.2965, 0.3055



72.3489, 0.3188, 0.3129



72.3489, 0.3288, 0.3533



72.3489, 0.3063, 0.3459

Sweetspot

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



72.3519, 0.2965, 0.3055



94.3748, 0.3082, 0.3225



84.4469, 0.2987, 0.3325



19.8857, 0.3070, 0.3207



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.



72.3519, 0.2965, 0.3055



78.7193, 0.2937, 0.3014



72.1870, 0.3028, 0.3026



15.5436, 0.2980, 0.3076



4.0450, 0.1526, 0.0693



0.4371, 0.1575, 0.0870

Inverse Universe

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



73.6329, 0.3289, 0.3258



80.3982, 0.3319, 0.3253



85.7907, 0.3220, 0.3550



15.7906, 0.3274, 0.3261



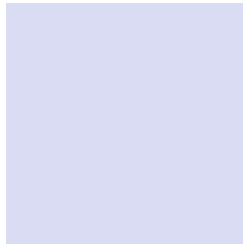
10.2017, 0.6245, 0.3214



0.8588, 0.5959, 0.3056

Previews

White Background



This preview shows how the Yxy color 72.3489, 0.2965, 0.3055 looks on a white background.

Color Contrast Check

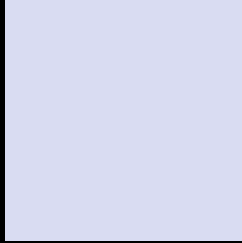
Large Text (above 18pt) WCAG AA × Fail

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 72.3489, 0.2965, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

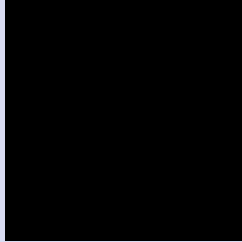
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3489, 0.2965, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 72.3489, 0.2965, 0.3055.

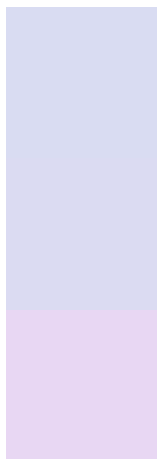


This preview shows how white text looks on a background with the Yxy color 72.3489, 0.2965, 0.3055.

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

72.3489, 0.2965, 0.3055

Protanopia

72.1339, 0.2979, 0.3045

Deuteranopia

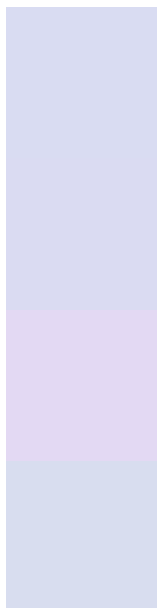
72.2277, 0.3063, 0.2999



Tritanopia

72.4849, 0.2984, 0.3107

Trichromacy



Original Color

72.3489, 0.2965, 0.3055

Protanomaly

71.9793, 0.2972, 0.3044

Deuteranomaly

72.4277, 0.3027, 0.3017

Tritanomaly

72.5438, 0.2977, 0.3096

Monochromacy



Original Color

72.3489, 0.2965, 0.3055

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5857, 0.3068, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3489, 0.2965, 0.3055 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(217, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 220, 242)  
}
```

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(217, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 220, 242) }
```

Border

The CSS property to change the border of an element to Yxy 72.3489, 0.2965, 0.3055 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(217, 220, 242) }
```

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

```
.border{ border-color:rgb(217, 220, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 220, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 220,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3489, 0.2965, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 220, 242) }
```

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

```
.background{ background-color: rgb(217,  
220, 242) }
```

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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