

Converting Colors

$Yxy(70.2603, 0.2946, 0.3028)$

Have a look what the booklet for
Yxy(70.2603, 0.2946, 0.3028)
contains.

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Color

Yxy(70.2727, 0.2951, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9F1
RGB	214, 217, 241
RGB Percent	84%, 85%, 95%
CMY	0.1608, 0.1490, 0.0550
CMYK	0.11, 0.10, 0.00, 0.06
HSL	233°, 49%, 89%
HSV	233°, 11%, 94%
XYZ	68.4179, 70.2727, 93.1560
YIQ	218.8390, -9.4920, 6.8280

Conversions

Conversions Part 2

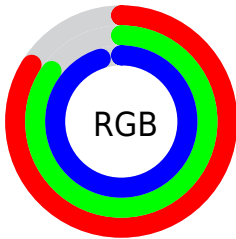
Format	Color
R _Y B	214, 217, 241
Decimal	14080497
CIE Lab	87.13, 3.58, -12.05
CIE LCh	87, 12.575, 286.531
Yxy	70.2727, 0.2951, 0.3031
Android (android.graphics.Color)	4292270577 (0xFFD6D9F1)
YUV	218.8390, 10.9254, -4.2438
Hunter-Lab	83.8288, -1.0154, -7.2067

Details

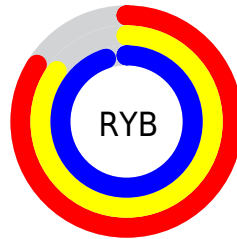
The Yxy color `70.2727, 0.2951, 0.3031` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84.6806, 0.3298, 0.3536`, and the grayscale version is `70.6497, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `36.7144, 0.2906, 0.2966` is the 20% darker color. If you saturate the color by 10%, you get `56.5831, 0.2775, 0.2768`, and if you desaturate by 10%, it is `85.9364, 0.3109, 0.3264`.

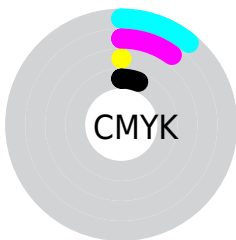
Distribution



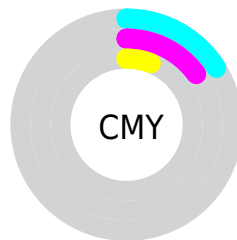
- Red (84%)
- Green (85%)
- Blue (95%)



- Red (84%)
- Yellow (85%)
- Blue (95%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2727, 0.2951, 0.3031 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 70.2727, 0.2951, 0.3031 by changing the saturation by 10% instead.

■ 70.2727, 0.2951,
0.3031

■ 70.2727, 0.2951,
0.3031

461.5069, 0.3033,
0.3150

■ 51.7489, 0.2932,
0.3004

119.5976, 0.2980,
0.3072

■ 36.8050, 0.2909,
0.2970

151.1674, 0.2991,
0.3088

■ 25.0565, 0.2879,
0.2928

187.8547, 0.3000,
0.3102

■ 16.1192, 0.2840,
0.2873

230.0438, 0.3009,
0.3114

■ 9.6085, 0.2786,
0.2798

278.1193, 0.3016,
0.3125

■ 5.1402, 0.2709,
0.2692

332.4653, 0.3022,

■ 2.3297, 0.2587,

0.3134

0.2527

393.4664, 0.3028,
0.3143

0.7894, 0.2371,
0.2234

0.0000, 0.0000,
0.0000

70.2727, 0.2951,
0.3031

70.2727, 0.2951,
0.3031

56.5831, 0.2775,
0.2768

85.9364, 0.3109,
0.3264

44.7805, 0.2583,
0.2476

99.1293, 0.3209,
0.3425

34.7846, 0.2381,
0.2160

26.5057, 0.2175,
0.1833

■ 19.8465, 0.1978,
0.1509

■ 14.6998, 0.1802,
0.1210

■ 10.9454, 0.1662,
0.0958

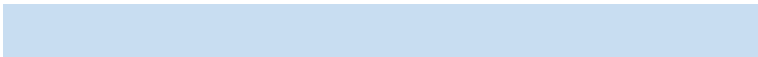
■ 8.4442, 0.1566,
0.0771

■ 7.1276, 0.1518,
0.0665

Harmonies

Analogous

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



70.2727, 0.2857, 0.3066



70.2727, 0.2951, 0.3031



70.2727, 0.3093, 0.3062

Triad

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



70.2727, 0.2951, 0.3031



70.2727, 0.3429, 0.3405



70.2727, 0.3004, 0.3436

Complementary

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



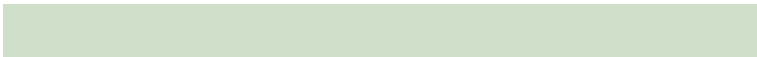
70.2727, 0.2951, 0.3031



84.6806, 0.3298, 0.3536

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.



70.2727, 0.3155, 0.3533



70.2727, 0.2951, 0.3031



70.2727, 0.3403, 0.3510

Square

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



70.2727, 0.2951, 0.3031



70.2727, 0.3372, 0.3274



70.2727, 0.3302, 0.3559



70.2727, 0.2887, 0.3299

Rectangle

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



70.2727, 0.2951, 0.3031



70.2727, 0.3198, 0.3115



70.2727, 0.3302, 0.3559



70.2727, 0.3052, 0.3475

Sweetspot

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



70.2756, 0.2951, 0.3031



94.3177, 0.3082, 0.3224



83.3545, 0.2973, 0.3323



19.8704, 0.3070, 0.3206



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.



70.2756, 0.2951, 0.3031



76.8727, 0.2920, 0.2985



70.3442, 0.3022, 0.3004



15.5125, 0.2980, 0.3073



3.9613, 0.1522, 0.0680



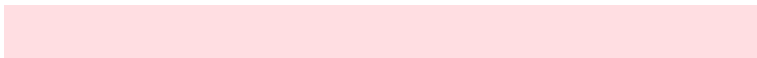
0.4223, 0.1568, 0.0845

Inverse Universe

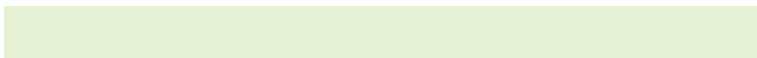
The Inverse Universe completely reimagines the original color for something new.



71.7997, 0.3306, 0.3259



78.8891, 0.3340, 0.3254



84.6786, 0.3224, 0.3572



15.7875, 0.3276, 0.3264



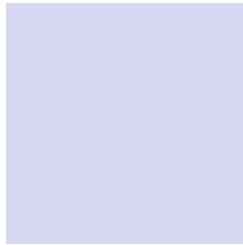
10.1932, 0.6266, 0.3225



0.8573, 0.5999, 0.3078

Previews

White Background



This preview shows how the Yxy color 70.2727, 0.2951, 0.3031 looks on a white background.

Color Contrast Check

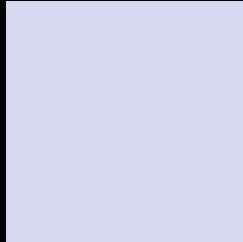
Large Text (above 18pt) WCAG AA × Fail

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 70.2727, 0.2951, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

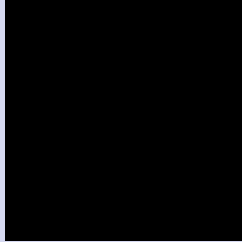
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

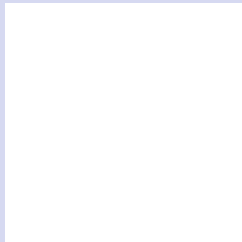
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2727, 0.2951, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 70.2727, 0.2951, 0.3031.

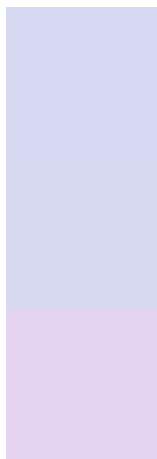


This preview shows how white text looks on a background with the Yxy color 70.2727, 0.2951, 0.3031.

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

70.2727, 0.2951, 0.3031

Protanopia

70.4237, 0.2958, 0.3031

Deuteranopia

69.9918, 0.3041, 0.2975



Tritanopia

70.2871, 0.2982, 0.3105

Trichromacy



Original Color

70.2727, 0.2951, 0.3031

Protanomaly

70.4237, 0.2958, 0.3031

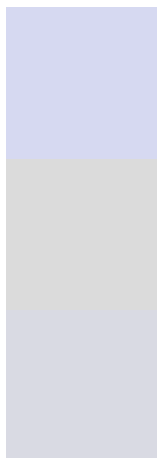
Deuteranomaly

70.1919, 0.3006, 0.2993

Tritanomaly

70.4034, 0.2969, 0.3083

Monochromacy



Original Color

70.2727, 0.2951, 0.3031

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.4406, 0.3061, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2727, 0.2951, 0.3031 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(214, 217, 241)` looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 241)  
}
```

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(214, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 241) }
```

Border

The CSS property to change the border of an element to Yxy 70.2727, 0.2951, 0.3031 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(214, 217, 241) }
```

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

```
.border{ border-color:rgb(214, 217, 241) }
```

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

Here you see how a box with a 4 pixel rgb(214, 217, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2727, 0.2951, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 241) }
```

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

```
.background{ background-color: rgb(214,  
217, 241) }
```

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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