

Converting Colors

Yxy(74.5598, 0.2956, 0.3140)

Have a look what the booklet for
Yxy(74.5598, 0.2956, 0.3140)
contains.

Yxy(74.7708, 0.2958, 0.3150)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.7708, 0.2958, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	D5E2EF
RGB	213, 226, 239
RGB Percent	84%, 89%, 94%
CMY	0.1647, 0.1137, 0.0628
CMYK	0.11, 0.05, 0.00, 0.06
HSL	210°, 45%, 89%
HSV	210°, 11%, 94%
XYZ	70.2133, 74.7708, 92.3835
YIQ	223.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

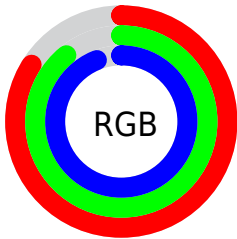
Format	Color
R _Y B	213, 222, 239
Decimal	14017263
CIE Lab	89.29, -1.83, -7.81
CIE LCh	89, 8.023, 256.850
Yxy	74.7708, 0.2958, 0.3150
Android (android.graphics.Color)	4292207343 (0xFFD5E2EF)
YUV	223.5950, 7.5947, -9.2918
Hunter-Lab	86.4701, -6.3815, -2.8155

Details

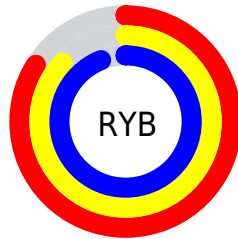
The Yxy color `74.7708, 0.2958, 0.3150` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77.5304, 0.3305, 0.3426`, and the grayscale version is `74.1890, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.8138, 0.2917, 0.3121` is the 20% darker color. If you saturate the color by 10%, you get `65.1938, 0.2797, 0.3006`, and if you desaturate by 10%, it is `85.3323, 0.3114, 0.3279`.

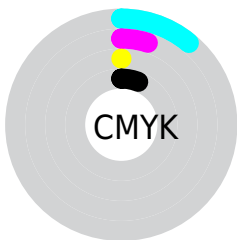
Distribution



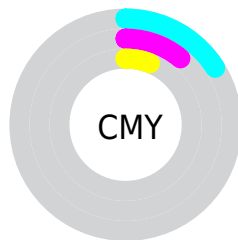
- Red (84%)
- Green (89%)
- Blue (94%)



- Red (84%)
- Yellow (87%)
- Blue (94%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7708, 0.2958, 0.3150 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 74.7708, 0.2958, 0.3150 by changing the saturation by 10% instead.

■ 74.7708, 0.2958,
0.3150

■ 74.7708, 0.2958,
0.3150

477.1294, 0.3036,
0.3215

■ 55.4251, 0.2940,
0.3135

125.9879, 0.2985,
0.3172

■ 39.7422, 0.2919,
0.3117

158.6281, 0.2995,
0.3181

■ 27.3376, 0.2891,
0.3094

196.4686, 0.3004,
0.3189

■ 17.8269, 0.2856,
0.3064

239.8938, 0.3012,
0.3195

■ 10.8258, 0.2808,
0.3023

289.2880, 0.3019,
0.3201

■ 5.9498, 0.2739,
0.2964

345.0358, 0.3025,

■ 2.8146, 0.2633,

0.3206

0.2873

407.5215, 0.3031,
0.3211

■ 1.0357, 0.2449,
0.2711

■ 0.0000, 0.0000,
0.0000

■ 74.7708, 0.2958,
0.3150

■ 74.7708, 0.2958,
0.3150

■ 65.1938, 0.2797,
0.3006

■ 85.3323, 0.3114,
0.3279

■ 56.5600, 0.2632,
0.2847

■ 95.7846, 0.3225,
0.3395

■ 48.8383, 0.2468,
0.2674

■ 99.0114, 0.3220,
0.3444

■ 41.9923, 0.2309,
0.2490

■ 35.9827, 0.2161,
0.2297

■ 30.7662, 0.2027,
0.2100

■ 26.2943, 0.1915,
0.1904

■ 22.5109, 0.1826,
0.1716

■ 19.5831, 0.1765,
0.1553

Harmonies

Analogous

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



74.7708, 0.2943, 0.3211



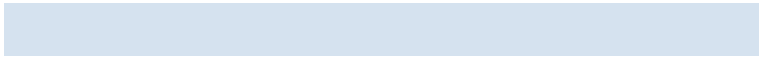
74.7708, 0.2958, 0.3150



74.7708, 0.3018, 0.3127

Triad

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



74.7708, 0.2958, 0.3150



74.7708, 0.3280, 0.3282



74.7708, 0.3144, 0.3440

Complementary

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



74.7708, 0.2958, 0.3150



77.5304, 0.3305, 0.3426

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.



74.7708, 0.3236, 0.3457



74.7708, 0.2958, 0.3150



74.7708, 0.3315, 0.3364

Square

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



74.7708, 0.2958, 0.3150



74.7708, 0.3204, 0.3203



74.7708, 0.3299, 0.3429



74.7708, 0.3050, 0.3380

Rectangle

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



74.7708, 0.2958, 0.3150



74.7708, 0.3076, 0.3135



74.7708, 0.3299, 0.3429



74.7708, 0.3177, 0.3451

Sweetspot

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



74.7739, 0.2958, 0.3150



96.1649, 0.3081, 0.3253



81.3384, 0.3039, 0.3434



20.3677, 0.3069, 0.3243



0.0000, 0.0000, 0.0000



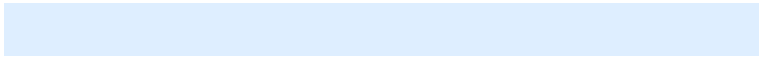
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7739, 0.2958, 0.3150



84.1363, 0.2923, 0.3120



68.1792, 0.2956, 0.3012



16.5365, 0.2980, 0.3169



11.0858, 0.1773, 0.1581



1.1213, 0.1839, 0.1819

Inverse Universe

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



71.4249, 0.3229, 0.3154



79.6223, 0.3252, 0.3126



84.6259, 0.3290, 0.3554



15.8909, 0.3215, 0.3172



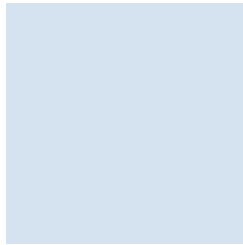
10.9125, 0.4955, 0.2503



0.9279, 0.4663, 0.2343

Previews

White Background



This preview shows how the Yxy color 74.7708, 0.2958, 0.3150 looks on a white background.

Color Contrast Check

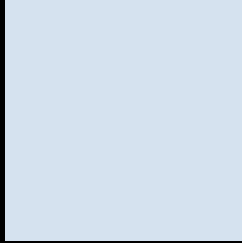
Large Text (above 18pt) WCAG AA × Fail

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 74.7708, 0.2958, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

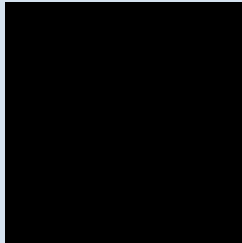
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

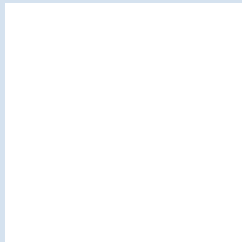
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7708, 0.2958, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 74.7708, 0.2958, 0.3150.

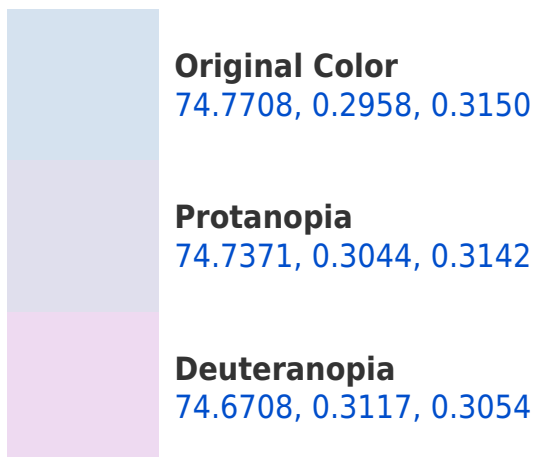


This preview shows how white text looks on a background with the Yxy color 74.7708, 0.2958, 0.3150.

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

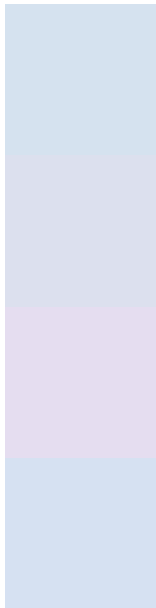




Tritanopia

74.6176, 0.2940, 0.3097

Trichromacy



Original Color

74.7708, 0.2958, 0.3150

Protanomaly

74.7000, 0.3011, 0.3141

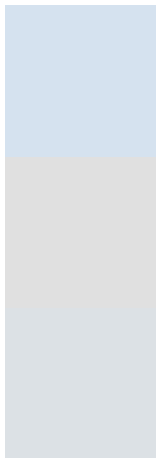
Deuteranomaly

74.6622, 0.3060, 0.3091

Tritanomaly

74.5574, 0.2946, 0.3108

Monochromacy



Original Color

74.7708, 0.2958, 0.3150

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7232, 0.3067, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7708, 0.2958, 0.3150 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(213, 226, 239)` looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 239)  
}
```

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(213, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 239) }
```

Border

The CSS property to change the border of an element to Yxy 74.7708, 0.2958, 0.3150 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(213, 226, 239) }
```

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

```
.border{ border-color:rgb(213, 226, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 226, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 226, 239);  
box-shadow:4px 4px 4px 4px rgb(213, 226,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7708, 0.2958, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 239) }
```

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

```
.background{ background-color: rgb(213,  
226, 239) }
```

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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