

Converting Colors

$Yxy(74.6654, 0.2908, 0.3060)$

Have a look what the booklet for
Yxy(74.6654, 0.2908, 0.3060)
contains.

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Color

Yxy(74.5629, 0.2903, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	D4E1F7
RGB	212, 225, 247
RGB Percent	83%, 88%, 97%
CMY	0.1688, 0.1176, 0.0314
CMYK	0.14, 0.09, 0.00, 0.03
HSL	218°, 69%, 90%
HSV	218°, 14%, 97%
XYZ	70.8531, 74.5629, 98.6525
YIQ	223.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

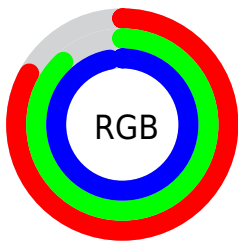
Format	Color
R _Y B	212, 221, 247
Decimal	13951479
CIE Lab	89.19, -0.04, -12.17
CIE LCh	89, 12.171, 269.832
Yxy	74.5629, 0.2903, 0.3055
Android (android.graphics.Color)	4292141559 (0xFFD4E1F7)
YUV	223.6210, 11.5258, -10.1916
Hunter-Lab	86.3498, -4.6466, -7.2924

Details

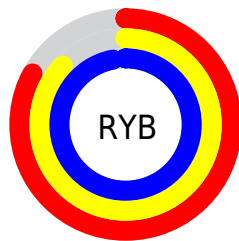
The Yxy color **74.5629, 0.2903, 0.3055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.3288, 0.3359, 0.3514**, and the grayscale version is **74.1772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6791, 0.2848, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **63.1741, 0.2734, 0.2866**, and if you desaturate by 10%, it is **87.2790, 0.3063, 0.3225**.

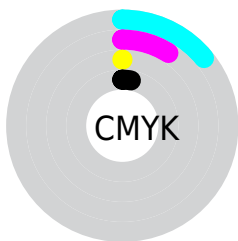
Distribution



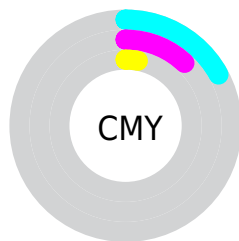
- Red (83%)
- Green (88%)
- Blue (97%)



- Red (83%)
- Yellow (87%)
- Blue (97%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5629, 0.2903, 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 74.5629, 0.2903, 0.3055 by changing the saturation by 10% instead.

■ 74.5629, 0.2903,
0.3055

■ 74.5629, 0.2903,
0.3055

476.4139, 0.3006,
0.3163

■ 55.2549, 0.2880,
0.3031

125.6934, 0.2939,
0.3092

■ 39.6058, 0.2851,
0.3001

158.2847, 0.2952,
0.3107

■ 27.2313, 0.2815,
0.2963

196.0726, 0.2964,
0.3119

■ 17.7470, 0.2768,
0.2913

239.4414, 0.2975,
0.3130

■ 10.7685, 0.2705,
0.2847

288.7755, 0.2984,
0.3140

■ 5.9114, 0.2615,
0.2753

344.4594, 0.2992,

■ 2.7913, 0.2477,

0.3148

0.2608

406.8774, 0.2999,
0.3156

■ 1.0238, 0.2242,
0.2362

■ 0.0000, 0.0000,
0.0000

■ 74.5629, 0.2903,
0.3055

■ 74.5629, 0.2903,
0.3055

■ 63.1741, 0.2734,
0.2866

■ 87.2790, 0.3063,
0.3225

■ 53.0577, 0.2559,
0.2657

■ 99.4954, 0.3173,
0.3367

■ 44.1685, 0.2382,
0.2431

■ 36.4548, 0.2209,
0.2192

■ 29.8607, 0.2046,
0.1947

■ 24.3248, 0.1902,
0.1704

■ 19.7785, 0.1783,
0.1473

■ 16.1418, 0.1694,
0.1264

■ 14.3909, 0.1654,
0.1154

Harmonies

Analogous

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



74.5629, 0.2850, 0.3123



74.5629, 0.2903, 0.3055



74.5629, 0.3016, 0.3049

Triad

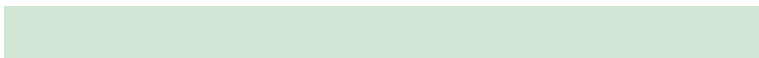
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5629, 0.2903, 0.3055



74.5629, 0.3393, 0.3331



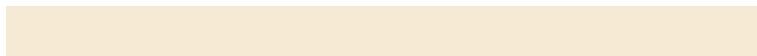
74.5629, 0.3088, 0.3487

Complementary

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



74.5629, 0.2903, 0.3055



83.3288, 0.3359, 0.3514

Split Complementary

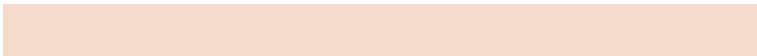
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5629, 0.3234, 0.3543



74.5629, 0.2903, 0.3055



74.5629, 0.3412, 0.3449

Square

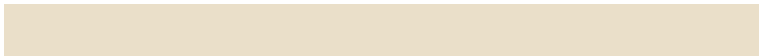
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5629, 0.2903, 0.3055



74.5629, 0.3300, 0.3207



74.5629, 0.3354, 0.3528



74.5629, 0.2955, 0.3374

Rectangle

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



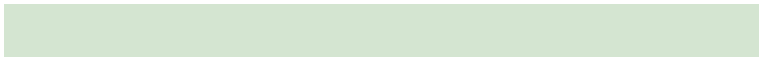
74.5629, 0.2903, 0.3055



74.5629, 0.3111, 0.3080



74.5629, 0.3354, 0.3528



74.5629, 0.3138, 0.3513

Sweetspot

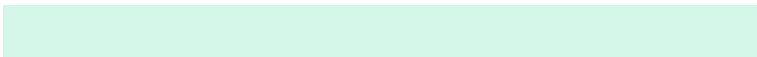
The Sweet Spot groups the original color and five complimentary colors.



74.5660, 0.2903, 0.3055



94.1035, 0.3066, 0.3228



86.4263, 0.2985, 0.3432



19.9103, 0.3054, 0.3216



0.0000, 0.0000, 0.0000



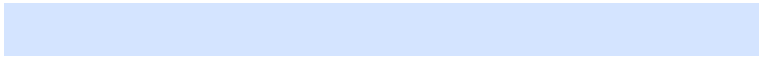
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5660, 0.2903, 0.3055



76.5518, 0.2856, 0.3003



68.3802, 0.2926, 0.2915



16.9392, 0.2980, 0.3137



7.8605, 0.1662, 0.1184



0.8812, 0.1731, 0.1433

Inverse Universe

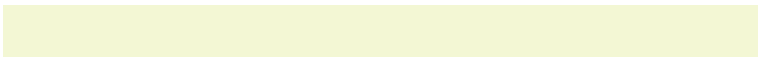
The Inverse Universe completely reimagines the original color for something new.



72.2719, 0.3297, 0.3156



73.7635, 0.3337, 0.3128



90.3113, 0.3313, 0.3645



16.5847, 0.3235, 0.3202



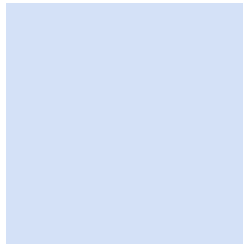
10.8929, 0.5489, 0.2797



0.9766, 0.5147, 0.2609

Previews

White Background



This preview shows how the Yxy color 74.5629, 0.2903, 0.3055 looks on a white background.

Color Contrast Check

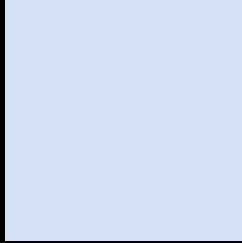
Large Text (above 18pt) WCAG AA × Fail

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 74.5629, 0.2903, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

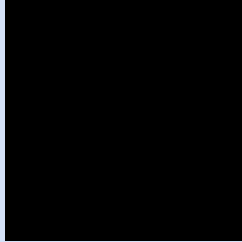
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

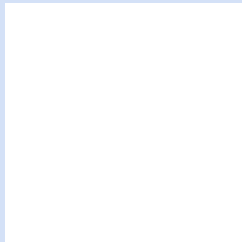
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5629, 0.2903, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 74.5629, 0.2903, 0.3055.



This preview shows how white text looks on a background with the Yxy color 74.5629, 0.2903, 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

74.5629, 0.2903, 0.3055

Protanopia

74.3647, 0.2981, 0.3048

Deuteranopia

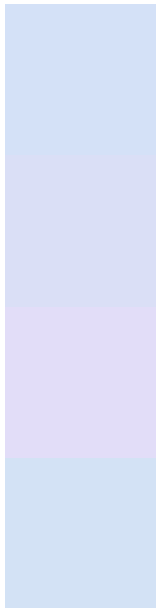
74.4125, 0.3044, 0.2982



Tritanopia

74.7733, 0.2915, 0.3097

Trichromacy



Original Color

74.5629, 0.2903, 0.3055

Protanomaly

74.3346, 0.2948, 0.3046

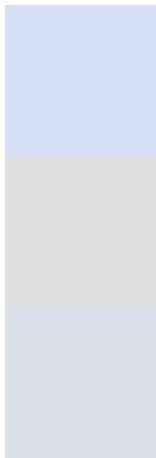
Deuteranomaly

74.6590, 0.2989, 0.3009

Tritanomaly

74.8342, 0.2909, 0.3086

Monochromacy



Original Color

74.5629, 0.2903, 0.3055

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3531, 0.3048, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5629, 0.2903, 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(212, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 247)  
}
```

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(212, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 247) }
```

Border

The CSS property to change the border of an element to Yxy 74.5629, 0.2903, 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(212, 225, 247) }
```

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

```
.border{ border-color:rgb(212, 225, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 225, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5629, 0.2903, 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(212, 225, 247) }
```

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

```
.background{ background-color: rgb(212,  
225, 247) }
```

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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