

Converting Colors

$Yxy(76.3034, 0.2937, 0.3131)$

Have a look what the booklet for
Yxy(76.3034, 0.2937, 0.3131)
contains.

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Color

Yxy(76.1040, 0.2934, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	D5E4F3
RGB	213, 228, 243
RGB Percent	84%, 89%, 95%
CMY	0.1648, 0.1059, 0.0469
CMYK	0.12, 0.06, 0.00, 0.05
HSL	210°, 56%, 89%
HSV	210°, 12%, 95%
XYZ	71.3612, 76.1040, 95.7563
YIQ	225.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

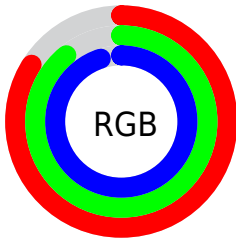
Format	Color
R _Y B	213, 223, 243
Decimal	14017779
CIE Lab	89.91, -2.06, -9.02
CIE LCh	90, 9.249, 257.150
Yxy	76.1040, 0.2934, 0.3129
Android (android.graphics.Color)	4292207859 (0xFFD5E4F3)
YUV	225.2250, 8.7631, -10.7213
Hunter-Lab	87.2376, -6.6511, -4.0133

Details

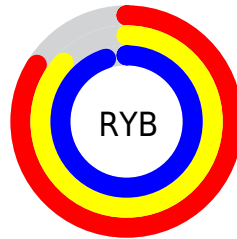
The Yxy color **76.1040, 0.2934, 0.3129** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.3594, 0.3332, 0.3446**, and the grayscale version is **75.4092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7441, 0.2888, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **66.2870, 0.2772, 0.2982**, and if you desaturate by 10%, it is **86.9421, 0.3091, 0.3261**.

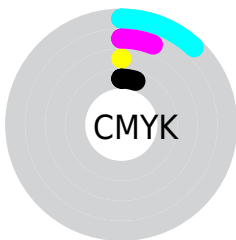
Distribution



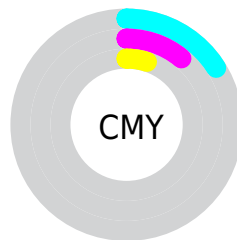
- Red (84%)
- Green (89%)
- Blue (95%)



- Red (84%)
- Yellow (87%)
- Blue (95%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1040, 0.2934, 0.3129 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 76.1040, 0.2934, 0.3129 by changing the saturation by 10% instead.

■ 76.1040, 0.2934,
0.3129

■ 76.1040, 0.2934,
0.3129

481.7036, 0.3022,
0.3203

■ 56.5178, 0.2914,
0.3112

127.8739, 0.2964,
0.3155

■ 40.6182, 0.2890,
0.3091

160.8264, 0.2976,
0.3165

■ 28.0209, 0.2859,
0.3065

199.0031, 0.2987,
0.3173

■ 18.3414, 0.2819,
0.3031

242.7884, 0.2996,
0.3181

■ 11.1954, 0.2765,
0.2985

292.5667, 0.3003,
0.3187

■ 6.1984, 0.2689,
0.2919

348.7224, 0.3010,

■ 2.9661, 0.2572,

0.3193

0.2817

411.6399, 0.3017,
0.3198

1.1141, 0.2372,
0.2639

0.0000, 0.0000,
0.0000

76.1040, 0.2934,
0.3129

76.1040, 0.2934,
0.3129

66.2870, 0.2772,
0.2982

86.9421, 0.3091,
0.3261

57.4479, 0.2607,
0.2821

97.5534, 0.3198,
0.3379

49.5540, 0.2443,
0.2646

99.2537, 0.3197,
0.3405

42.5668, 0.2285,
0.2459

■ 36.4447, 0.2138,
0.2265

■ 31.1419, 0.2008,
0.2067

■ 26.6068, 0.1899,
0.1872

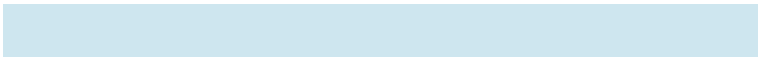
■ 22.7790, 0.1814,
0.1684

■ 20.2703, 0.1764,
0.1549

Harmonies

Analogous

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



76.1040, 0.2916, 0.3199



76.1040, 0.2934, 0.3129



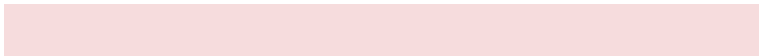
76.1040, 0.3003, 0.3103

Triad

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



76.1040, 0.2934, 0.3129



76.1040, 0.3303, 0.3281



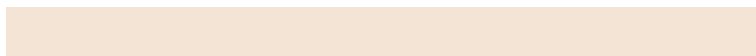
76.1040, 0.3146, 0.3462

Complementary

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



76.1040, 0.2934, 0.3129



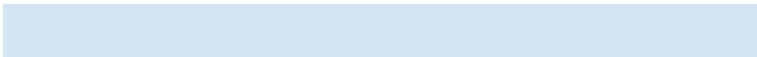
79.3594, 0.3332, 0.3446

Split Complementary

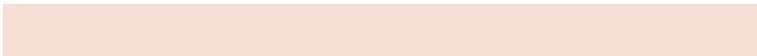
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1040, 0.3251, 0.3482



76.1040, 0.2934, 0.3129



76.1040, 0.3343, 0.3376

Square

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



76.1040, 0.2934, 0.3129



76.1040, 0.3216, 0.3191



76.1040, 0.3323, 0.3450



76.1040, 0.3037, 0.3392

Rectangle

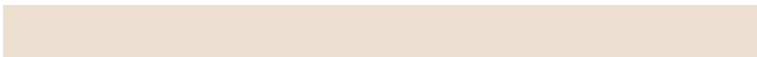
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



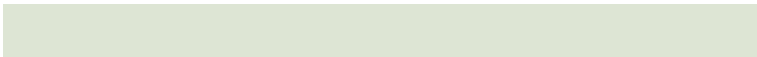
76.1040, 0.2934, 0.3129



76.1040, 0.3069, 0.3113



76.1040, 0.3323, 0.3450



76.1040, 0.3183, 0.3474

Sweetspot

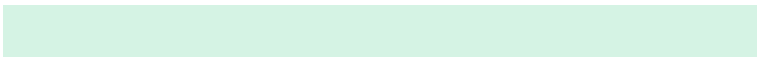
The Sweet Spot groups the original color and five complimentary colors.



76.1072, 0.2934, 0.3129



94.9050, 0.3066, 0.3240



83.8723, 0.3024, 0.3450



20.1130, 0.3054, 0.3231



0.0000, 0.0000, 0.0000



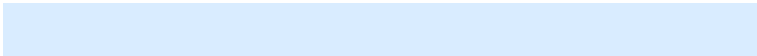
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1072, 0.2934, 0.3129



81.8504, 0.2891, 0.3091



68.1927, 0.2930, 0.2964



17.2955, 0.2980, 0.3169



11.3904, 0.1771, 0.1577



1.2066, 0.1834, 0.1803

Inverse Universe

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



72.2409, 0.3245, 0.3135



76.8056, 0.3274, 0.3100



87.9931, 0.3312, 0.3596



16.6207, 0.3215, 0.3172



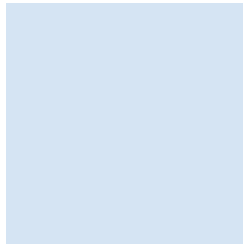
11.2492, 0.4961, 0.2506



1.0094, 0.4682, 0.2353

Previews

White Background



This preview shows how the Yxy color 76.1040, 0.2934, 0.3129 looks on a white background.

Color Contrast Check

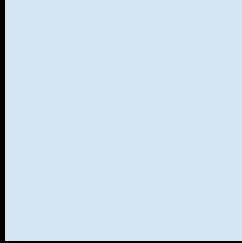
Large Text (above 18pt) WCAG AA × Fail

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 76.1040, 0.2934, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

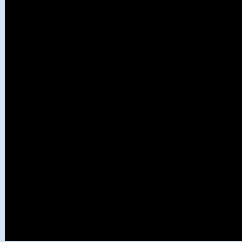
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

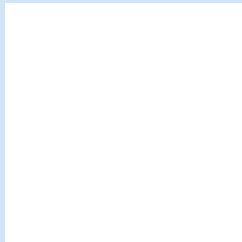
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1040, 0.2934, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 76.1040, 0.2934, 0.3129.



This preview shows how white text looks on a background with the Yxy color 76.1040, 0.2934, 0.3129.

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

76.1040, 0.2934, 0.3129

Protanopia

75.6697, 0.3026, 0.3111

Deuteranopia

75.6063, 0.3097, 0.3025



Tritanopia

76.2868, 0.2917, 0.3098

Trichromacy



Original Color

76.1040, 0.2934, 0.3129

Protanomaly

75.6334, 0.2993, 0.3110

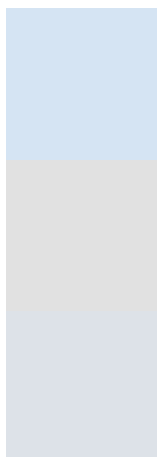
Deuteranomaly

75.5972, 0.3041, 0.3062

Tritanomaly

76.2255, 0.2923, 0.3109

Monochromacy



Original Color

76.1040, 0.2934, 0.3129

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5911, 0.3055, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1040, 0.2934, 0.3129 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, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(213, 228, 243)  
}
```

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, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 228, 243) }
```

Border

The CSS property to change the border of an element to Yxy 76.1040, 0.2934, 0.3129 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, 228, 243) }
```

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

```
.border{ border-color:rgb(213, 228, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 228, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(213, 228,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1040, 0.2934, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 228, 243) }
```

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

```
.background{ background-color: rgb(213,  
228, 243) }
```

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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