

Converting Colors

$Yxy(76.1282, 0.2957, 0.3124)$

Have a look what the booklet for
Yxy(76.1282, 0.2957, 0.3124)
contains.

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Color

Yxy(76.0082, 0.2954, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	D8E3F3
RGB	216, 227, 243
RGB Percent	85%, 89%, 95%
CMY	0.1529, 0.1098, 0.0472
CMYK	0.11, 0.07, 0.00, 0.05
HSL	216°, 53%, 90%
HSV	216°, 11%, 95%
XYZ	71.9642, 76.0082, 95.6437
YIQ	225.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

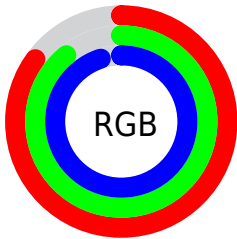
Format	Color
R _Y B	216, 224, 243
Decimal	14214131
CIE Lab	89.86, -0.59, -9.02
CIE LCh	90, 9.038, 266.264
Yxy	76.0082, 0.2954, 0.3120
Android (android.graphics.Color)	4292404211 (0xFFD8E3F3)
YUV	225.5350, 8.6102, -8.3622
Hunter-Lab	87.1827, -5.2284, -4.0161

Details

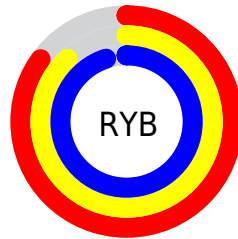
The Yxy color **76.0082, 0.2954, 0.3120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.7064, 0.3306, 0.3454**, and the grayscale version is **75.6455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6700, 0.2912, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **65.0348, 0.2789, 0.2947**, and if you desaturate by 10%, it is **88.1929, 0.3111, 0.3274**.

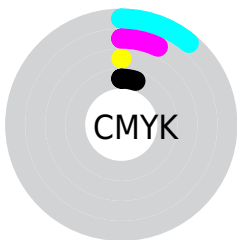
Distribution



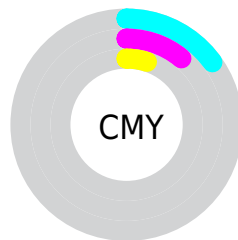
- Red (85%)
- Green (89%)
- Blue (95%)



- Red (85%)
- Yellow (88%)
- Blue (95%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0082, 0.2954, 0.3120 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 76.0082, 0.2954, 0.3120 by changing the saturation by 10% instead.

■ 76.0082, 0.2954,
0.3120

■ 76.0082, 0.2954,
0.3120

481.3758, 0.3033,
0.3198

■ 56.4392, 0.2936,
0.3102

127.7385, 0.2981,
0.3147

■ 40.5552, 0.2914,
0.3081

160.6686, 0.2992,
0.3157

■ 27.9717, 0.2886,
0.3053

198.8212, 0.3001,
0.3167

■ 18.3043, 0.2850,
0.3018

242.5808, 0.3009,
0.3174

■ 11.1687, 0.2802,
0.2969

292.3316, 0.3016,
0.3181

■ 6.1804, 0.2732,
0.2901

348.4581, 0.3023,

■ 2.9551, 0.2626,

0.3188

0.2795

411.3447, 0.3028,
0.3193

■ 1.1083, 0.2444,
0.2613

■ 0.0000, 0.0000,
0.0000

■ 76.0082, 0.2954,
0.3120

■ 76.0082, 0.2954,
0.3120

■ 65.0348, 0.2789,
0.2947

■ 88.1929, 0.3111,
0.3274

■ 55.2233, 0.2618,
0.2757

■ 99.2490, 0.3197,
0.3406

■ 46.5344, 0.2445,
0.2549

■ 38.9231, 0.2274,
0.2328

■ 32.3407, 0.2112,
0.2097

■ 26.7339, 0.1966,
0.1865

■ 22.0435, 0.1843,
0.1638

■ 18.2014, 0.1746,
0.1427

■ 15.4081, 0.1682,
0.1256

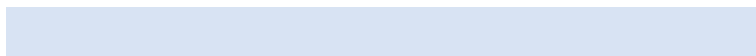
Harmonies

Analogous

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



76.0082, 0.2920, 0.3176



76.0082, 0.2954, 0.3120



76.0082, 0.3034, 0.3109

Triad

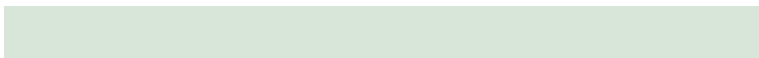
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0082, 0.2954, 0.3120



76.0082, 0.3317, 0.3310



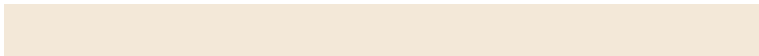
76.0082, 0.3112, 0.3441

Complementary

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



76.0082, 0.2954, 0.3120



81.7064, 0.3306, 0.3454

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.



76.0082, 0.3219, 0.3477



76.0082, 0.2954, 0.3120



76.0082, 0.3339, 0.3399

Square

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



76.0082, 0.2954, 0.3120



76.0082, 0.3244, 0.3218



76.0082, 0.3302, 0.3461



76.0082, 0.3011, 0.3363

Rectangle

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



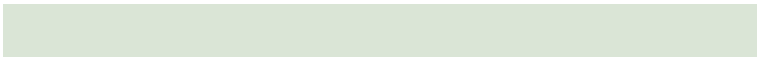
76.0082, 0.2954, 0.3120



76.0082, 0.3103, 0.3129



76.0082, 0.3302, 0.3461



76.0082, 0.3149, 0.3459

Sweetspot

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



76.0114, 0.2954, 0.3120



95.7213, 0.3081, 0.3246



84.4930, 0.3021, 0.3408



20.2481, 0.3069, 0.3234



0.0000, 0.0000, 0.0000



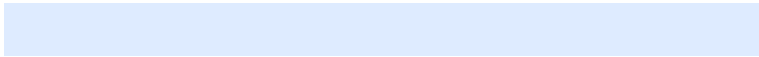
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0114, 0.2954, 0.3120



82.3538, 0.2923, 0.3088



70.5342, 0.2967, 0.3002



17.0364, 0.2980, 0.3146



8.7083, 0.1690, 0.1285



0.9620, 0.1759, 0.1531

Inverse Universe

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



73.7144, 0.3249, 0.3177



79.4424, 0.3273, 0.3156



87.6907, 0.3278, 0.3565



16.5946, 0.3229, 0.3194



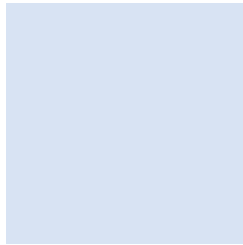
10.9785, 0.5348, 0.2720



0.9848, 0.5019, 0.2539

Previews

White Background



This preview shows how the Yxy color 76.0082, 0.2954, 0.3120 looks on a white background.

Color Contrast Check

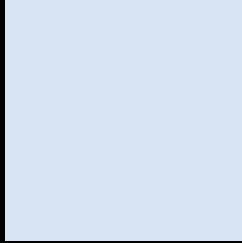
Large Text (above 18pt) WCAG AA × Fail

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 76.0082, 0.2954, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

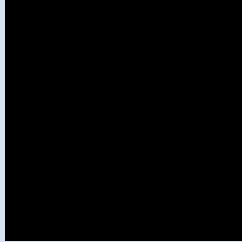
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

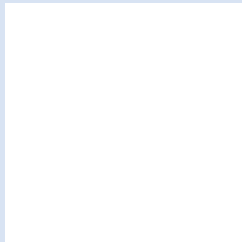
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0082, 0.2954, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 76.0082, 0.2954, 0.3120.

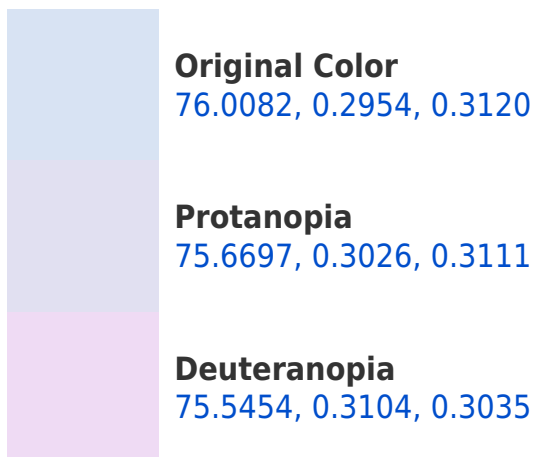


This preview shows how white text looks on a background with the Yxy color 76.0082, 0.2954, 0.3120.

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

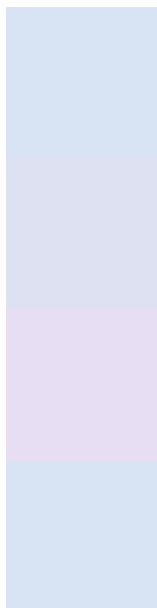




Tritanopia

76.1297, 0.2942, 0.3099

Trichromacy



Original Color

76.0082, 0.2954, 0.3120

Protanomaly

75.7908, 0.2999, 0.3111

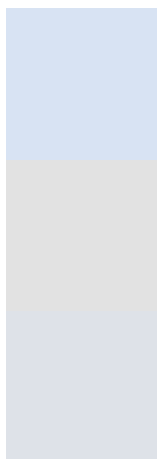
Deuteranomaly

75.7631, 0.3048, 0.3062

Tritanomaly

76.0688, 0.2948, 0.3109

Monochromacy



Original Color

76.0082, 0.2954, 0.3120

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.7485, 0.3061, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0082, 0.2954, 0.3120 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(216, 227, 243)` looks like.

```
.text, #text, p{  
    color:rgb(216, 227, 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(216, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 227, 243) }
```

Border

The CSS property to change the border of an element to Yxy 76.0082, 0.2954, 0.3120 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(216, 227, 243) }
```

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

```
.border{ border-color:rgb(216, 227, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 227, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 227, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 227, 243); box-shadow:4px 4px 4px 4px rgb(216, 227, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0082, 0.2954, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 227, 243) }
```

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

```
.background{ background-color: rgb(216,  
227, 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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