

Converting Colors

$Yxy(78.5055, 0.2857, 0.3042)$

Have a look what the booklet for
Yxy(78.5055, 0.2857, 0.3042)
contains.

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Color

Yxy(78.2207, 0.2853, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	D3E7FF
RGB	211, 231, 255
RGB Percent	83%, 91%, 100%
CMY	0.1728, 0.0941, 0.0000
CMYK	0.17, 0.09, 0.00, 0.00
HSL	213°, 100%, 91%
HSV	213°, 17%, 100%
XYZ	73.4816, 78.2207, 105.8568
YIQ	227.7560, -19.6240, 3.2240

Conversions

Conversions Part 2

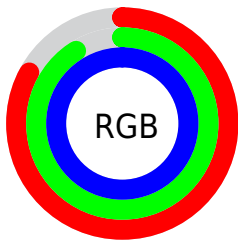
Format	Color
R _Y B	211, 225, 255
Decimal	13887487
CIE Lab	90.88, -1.79, -13.85
CIE LCh	91, 13.969, 262.624
Yxy	78.2207, 0.2853, 0.3037
Android (android.graphics.Color)	4292077567 (0xFFD3E7FF)
YUV	227.7560, 13.4313, -14.6950
Hunter-Lab	88.4425, -6.4692, -9.0545

Details

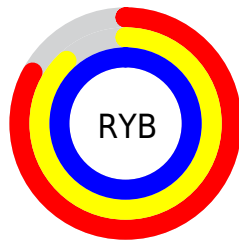
The Yxy color `78.2207, 0.2853, 0.3037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85.3372, 0.3420, 0.3530`, and the grayscale version is `77.3007, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.8051, 0.2793, 0.2976` is the 20% darker color. If you saturate the color by 10%, you get `67.2846, 0.2686, 0.2868`, and if you desaturate by 10%, it is `90.3732, 0.3015, 0.3190`.

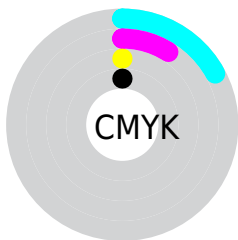
Distribution



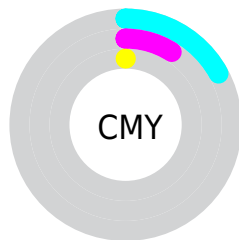
- Red (83%)
- Green (91%)
- Blue (100%)



- Red (83%)
- Yellow (88%)
- Blue (100%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2207, 0.2853, 0.3037 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 78.2207, 0.2853, 0.3037 by changing the saturation by 10% instead.

■ 78.2207, 0.2853,
0.3037

■ 78.2207, 0.2853,
0.3037

488.9160, 0.2977,
0.3152

■ 58.2553, 0.2825,
0.3011

130.8612, 0.2896,
0.3077

■ 42.0139, 0.2791,
0.2979

164.3051, 0.2912,
0.3092

■ 29.1122, 0.2749,
0.2939

203.0106, 0.2927,
0.3106

■ 19.1657, 0.2694,
0.2888

247.3621, 0.2940,
0.3117

■ 11.7901, 0.2620,
0.2818

297.7440, 0.2951,
0.3128

■ 6.6009, 0.2518,
0.2721

354.5407, 0.2961,

■ 3.2138, 0.2364,

0.3137

0.2574

418.1365, 0.2969,
0.3145

1.2443, 0.2113,
0.2329

0.0975, 0.0399,
0.0796

78.2207, 0.2853,
0.3037

78.2207, 0.2853,
0.3037

67.2846, 0.2686,
0.2868

90.3732, 0.3015,
0.3190

57.5186, 0.2517,
0.2684

100.0000, 0.3127,
0.3290

48.8789, 0.2350,
0.2485

41.3171, 0.2191,
0.2275

■ 34.7803, 0.2044,
0.2061

■ 29.2100, 0.1918,
0.1846

■ 24.5395, 0.1815,
0.1640

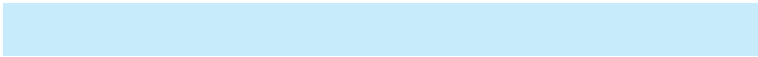
■ 20.6868, 0.1740,
0.1448

■ 19.7506, 0.1722,
0.1399

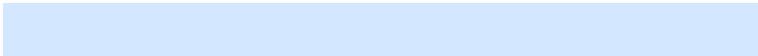
Harmonies

Analogous

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



78.2207, 0.2812, 0.3128



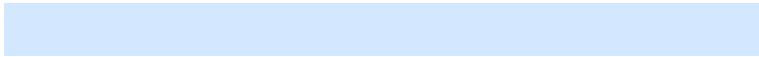
78.2207, 0.2853, 0.3037



78.2207, 0.2966, 0.3014

Triad

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



78.2207, 0.2853, 0.3037



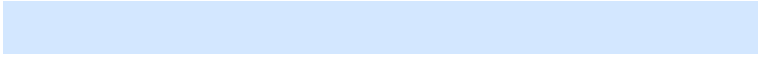
78.2207, 0.3409, 0.3302



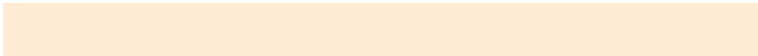
78.2207, 0.3123, 0.3535

Complementary

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



78.2207, 0.2853, 0.3037



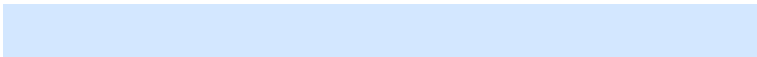
85.3372, 0.3420, 0.3530

Split Complementary

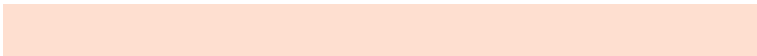
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2207, 0.3285, 0.3580



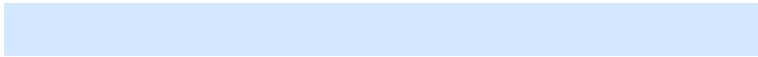
78.2207, 0.2853, 0.3037



78.2207, 0.3453, 0.3439

Square

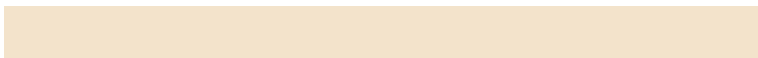
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2207, 0.2853, 0.3037



78.2207, 0.3288, 0.3165



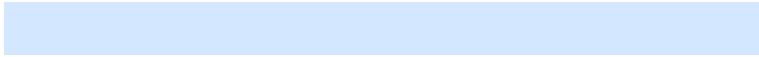
78.2207, 0.3406, 0.3542



78.2207, 0.2965, 0.3419

Rectangle

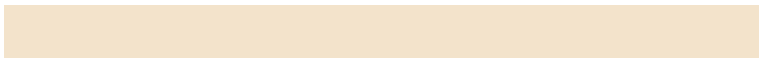
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2207, 0.2853, 0.3037



78.2207, 0.3069, 0.3038



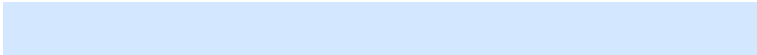
78.2207, 0.3406, 0.3542



78.2207, 0.3179, 0.3559

Sweetspot

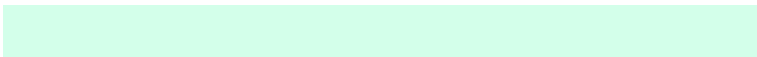
The Sweet Spot groups the original color and five complimentary colors.



78.2220, 0.2853, 0.3037



93.3124, 0.3050, 0.3222



91.3269, 0.2975, 0.3505



19.7770, 0.3039, 0.3212



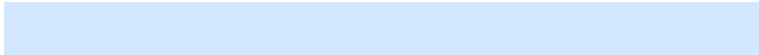
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



78.2220, 0.2853, 0.3037



74.0091, 0.2792, 0.2976



67.8408, 0.2852, 0.2820



18.7410, 0.2979, 0.3157



10.6100, 0.1730, 0.1429



1.2482, 0.1790, 0.1645

Inverse Universe

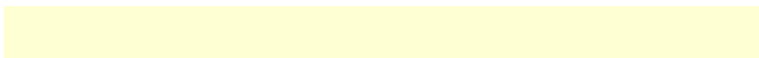
The Inverse Universe completely reimagines the original color for something new.



73.5924, 0.3314, 0.3090



68.7260, 0.3364, 0.3044



97.2030, 0.3378, 0.3723



18.1247, 0.3222, 0.3182



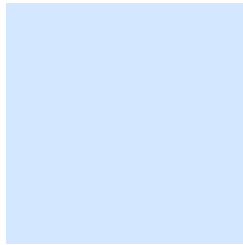
11.7990, 0.5153, 0.2612



1.1705, 0.4875, 0.2459

Previews

White Background



This preview shows how the Yxy color 78.2207, 0.2853, 0.3037 looks on a white background.

Color Contrast Check

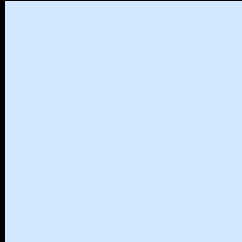
Large Text (above 18pt) WCAG AA × Fail

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 78.2207, 0.2853, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

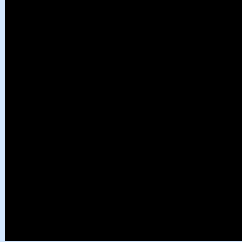
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

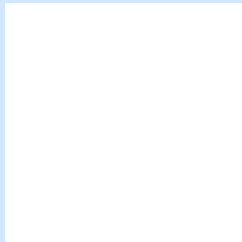
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2207, 0.2853, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 78.2207, 0.2853, 0.3037.



This preview shows how white text looks on a background with the Yxy color 78.2207, 0.2853, 0.3037.

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

78.2207, 0.2853, 0.3037

Protanopia

78.1352, 0.2965, 0.3032

Deuteranopia

77.9999, 0.3019, 0.2968



Tritanopia

78.3170, 0.2876, 0.3099

Trichromacy



Original Color

78.2207, 0.2853, 0.3037

Protanomaly

77.9508, 0.2927, 0.3030

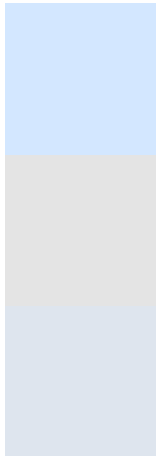
Deuteranomaly

78.1067, 0.2960, 0.2993

Tritanomaly

78.4431, 0.2865, 0.3078

Monochromacy



Original Color

78.2207, 0.2853, 0.3037

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.7413, 0.3024, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2207, 0.2853, 0.3037 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(211, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 231, 255)  
}
```

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(211, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.2207, 0.2853, 0.3037 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(211, 231, 255) }
```

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

```
.border{ border-color:rgb(211, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2207, 0.2853, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 231, 255) }
```

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

```
.background{ background-color: rgb(211,  
231, 255) }
```

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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