

Converting Colors

$Y_{xy}(75.4270, 0.2912, 0.3077)$

Have a look what the booklet for
Yxy(75.4270, 0.2912, 0.3077)
contains.

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Color

Yxy(75.1927, 0.2916, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	D5E2F6
RGB	213, 226, 246
RGB Percent	84%, 89%, 96%
CMY	0.1646, 0.1137, 0.0351
CMYK	0.13, 0.08, 0.00, 0.04
HSL	216°, 65%, 90%
HSV	216°, 13%, 96%
XYZ	71.2815, 75.1927, 97.9754
YIQ	224.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

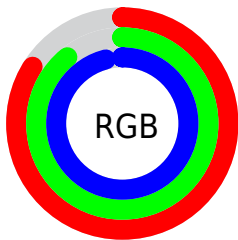
Format	Color
R _Y B	213, 222, 246
Decimal	14017270
CIE Lab	89.48, -0.40, -11.22
CIE LCh	89, 11.225, 267.975
Yxy	75.1927, 0.2916, 0.3076
Android (android.graphics.Color)	4292207350 (0xFFD5E2F6)
YUV	224.3930, 10.6523, -9.9917
Hunter-Lab	86.7137, -5.0162, -6.2905

Details

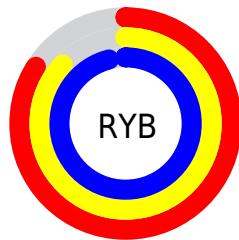
The Yxy color **75.1927, 0.2916, 0.3076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.7241, 0.3346, 0.3495**, and the grayscale version is **74.7728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1126, 0.2864, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **64.0169, 0.2749, 0.2894**, and if you desaturate by 10%, it is **87.6409, 0.3075, 0.3239**.

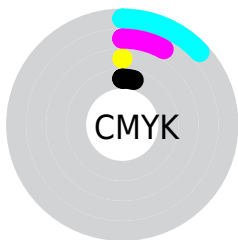
Distribution



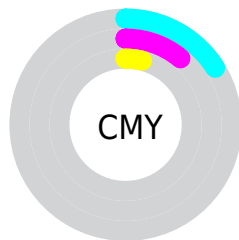
- Red (84%)
- Green (89%)
- Blue (96%)



- Red (84%)
- Yellow (87%)
- Blue (96%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1927, 0.2916, 0.3076 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 75.1927, 0.2916, 0.3076 by changing the saturation by 10% instead.

■ 75.1927, 0.2916,
0.3076

■ 75.1927, 0.2916,
0.3076

478.5796, 0.3013,
0.3174

■ 55.7708, 0.2894,
0.3054

126.5851, 0.2949,
0.3110

■ 40.0192, 0.2867,
0.3026

159.3244, 0.2962,
0.3123

■ 27.5535, 0.2833,
0.2992

197.2715, 0.2974,
0.3135

■ 17.9893, 0.2789,
0.2947

240.8110, 0.2984,
0.3145

■ 10.9423, 0.2730,
0.2887

290.3271, 0.2992,
0.3153

■ 6.0281, 0.2646,
0.2800

346.2044, 0.3000,

■ 2.8622, 0.2517,

0.3161

0.2669

408.8271, 0.3007,
0.3168

■ 1.0602, 0.2297,
0.2443

■ 0.0000, 0.0000,
0.0000

■ 75.1927, 0.2916,
0.3076

■ 75.1927, 0.2916,
0.3076

■ 64.0169, 0.2749,
0.2894

■ 87.6409, 0.3075,
0.3239

■ 54.0610, 0.2575,
0.2694

■ 99.4362, 0.3179,
0.3376

■ 45.2825, 0.2400,
0.2477

■ 37.6327, 0.2229,
0.2247

■ 31.0585, 0.2069,
0.2009

■ 25.5024, 0.1925,
0.1772

■ 20.8995, 0.1806,
0.1545

■ 17.1745, 0.1715,
0.1335

■ 15.1394, 0.1670,
0.1211

Harmonies

Analogous

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



75.1927, 0.2871, 0.3142



75.1927, 0.2916, 0.3076



75.1927, 0.3017, 0.3067

Triad

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



75.1927, 0.2916, 0.3076



75.1927, 0.3368, 0.3321



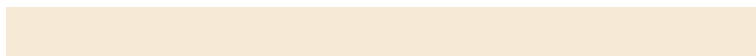
75.1927, 0.3100, 0.3475

Complementary

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



75.1927, 0.2916, 0.3076



82.7241, 0.3346, 0.3495

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.



75.1927, 0.3234, 0.3523



75.1927, 0.2916, 0.3076



75.1927, 0.3390, 0.3431

Square

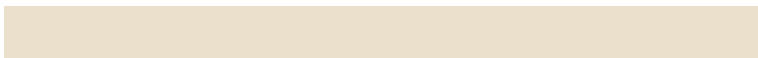
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1927, 0.2916, 0.3076



75.1927, 0.3279, 0.3207



75.1927, 0.3341, 0.3506



75.1927, 0.2976, 0.3374

Rectangle

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



75.1927, 0.2916, 0.3076



75.1927, 0.3104, 0.3093



75.1927, 0.3341, 0.3506



75.1927, 0.3145, 0.3498

Sweetspot

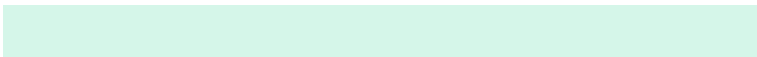
The Sweet Spot groups the original color and five complimentary colors.



75.1958, 0.2916, 0.3076



94.2283, 0.3066, 0.3230



85.9590, 0.2996, 0.3429



19.9419, 0.3054, 0.3218



0.0000, 0.0000, 0.0000



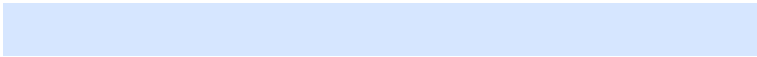
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1958, 0.2916, 0.3076



78.2656, 0.2873, 0.3030



68.9076, 0.2934, 0.2937



16.9945, 0.2980, 0.3142



8.3321, 0.1678, 0.1241



0.9264, 0.1747, 0.1488

Inverse Universe

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



72.6928, 0.3281, 0.3157



75.1803, 0.3316, 0.3130



89.7486, 0.3306, 0.3625



16.5903, 0.3232, 0.3197



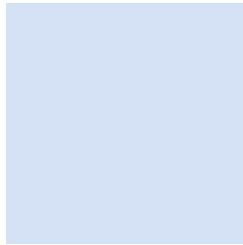
10.9405, 0.5409, 0.2753



0.9812, 0.5075, 0.2569

Previews

White Background



This preview shows how the Yxy color 75.1927, 0.2916, 0.3076 looks on a white background.

Color Contrast Check

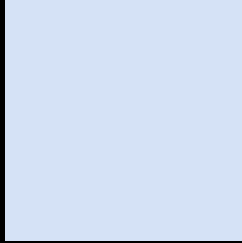
Large Text (above 18pt) WCAG AA × Fail

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 75.1927, 0.2916, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

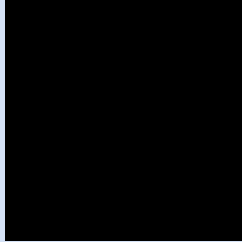
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

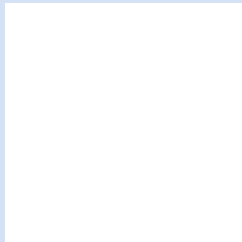
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1927, 0.2916, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 75.1927, 0.2916, 0.3076.



This preview shows how white text looks on a background with the Yxy color 75.1927, 0.2916, 0.3076.

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

75.1927, 0.2916, 0.3076

Protanopia

74.9950, 0.2994, 0.3069

Deuteranopia

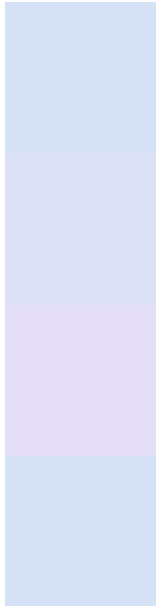
75.2732, 0.3057, 0.2994



Tritanopia

75.0705, 0.2928, 0.3097

Trichromacy



Original Color

75.1927, 0.2916, 0.3076

Protanomaly

74.9640, 0.2961, 0.3068

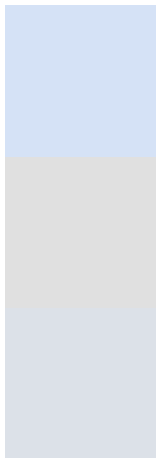
Deuteranomaly

75.4519, 0.3009, 0.3031

Tritanomaly

75.1314, 0.2922, 0.3087

Monochromacy



Original Color

75.1927, 0.2916, 0.3076

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8923, 0.3048, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1927, 0.2916, 0.3076 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 246) }
```

Border

The CSS property to change the border of an element to Yxy 75.1927, 0.2916, 0.3076 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, 246) }
```

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

```
.border{ border-color:rgb(213, 226, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 226,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1927, 0.2916, 0.3076 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, 246) }
```

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

```
.background{ background-color: rgb(213,  
226, 246) }
```

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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