

Converting Colors

$Yxy(69.5286, 0.2957, 0.2923)$

Have a look what the booklet for
Yxy(69.5286, 0.2957, 0.2923)
contains.

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Color

Yxy(69.6761, 0.2960, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	DDD5F7
RGB	221, 213, 247
RGB Percent	87%, 84%, 97%
CMY	0.1335, 0.1646, 0.0314
CMYK	0.11, 0.14, 0.00, 0.03
HSL	254°, 68%, 90%
HSV	254°, 14%, 97%
XYZ	70.3895, 69.6761, 97.7368
YIQ	219.2680, -6.1460, 12.2700

Conversions

Conversions Part 2

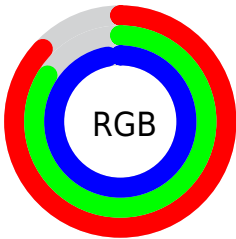
Format	Color
RYB	221, 213, 247
Decimal	14538231
CIELab	86.84, 9.10, -15.62
CIELCh	87, 18.081, 300.230
Yxy	69.6761, 0.2960, 0.2930
Android (android.graphics.Color)	4292728311 (0xFFDDD5F7)
YUV	219.2680, 13.6719, 1.5190
Hunter-Lab	83.4722, 4.4471, -10.9915

Details

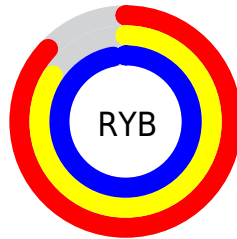
The Yxy color $69.6761, 0.2960, 0.2930$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $89.6936, 0.3280, 0.3637$, and the grayscale version is $70.9380, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.3223, 0.2918, 0.2837$ is the 20% darker color. If you saturate the color by 10%, you get $55.3772, 0.2817, 0.2635$, and if you desaturate by 10%, it is $86.2086, 0.3085, 0.3197$.

Distribution



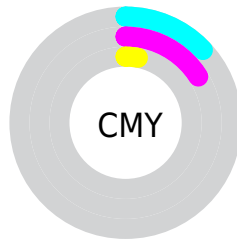
- Red (87%)
- Green (84%)
- Blue (97%)



- Red (87%)
- Yellow (84%)
- Blue (97%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6761, 0.2960, 0.2930 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 69.6761, 0.2960, 0.2930 by changing the saturation by 10% instead.

69.6761, 0.2960,
0.2930

69.6761, 0.2960,
0.2930

459.4119, 0.3039,
0.3094

51.2625, 0.2942,
0.2893

118.7467, 0.2988,
0.2987

36.4176, 0.2919,
0.2848

150.1726, 0.2998,
0.3009

24.7569, 0.2890,
0.2791

186.7046, 0.3007,
0.3028

15.8960, 0.2852,
0.2717

228.7273, 0.3015,
0.3045

9.4506, 0.2799,
0.2618

276.6250, 0.3022,
0.3059

5.0362, 0.2722,
0.2479

330.7820, 0.3028,

2.2685, 0.2600,

0.3072

0.2269

391.5829, 0.3034,
0.3084

0.7570, 0.2384,
0.1908

0.0000, 0.0000,
0.0000

69.6761, 0.2960,
0.2930

69.6761, 0.2960,
0.2930

55.3772, 0.2817,
0.2635

86.2086, 0.3085,
0.3197

43.2067, 0.2657,
0.2317

99.4957, 0.3173,
0.3367

33.0641, 0.2482,
0.1984

24.8369, 0.2297,
0.1652

■ 18.4018, 0.2113,
0.1339

■ 13.6205, 0.1939,
0.1066

■ 10.3340, 0.1789,
0.0855

■ 8.3502, 0.1671,
0.0717

■ 7.6034, 0.1615,
0.0663

Harmonies

Analogous

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



69.6761, 0.2790, 0.2934



69.6761, 0.2960, 0.2930



69.6761, 0.3180, 0.3014

Triad

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



69.6761, 0.2960, 0.2930



69.6761, 0.3562, 0.3529



69.6761, 0.2864, 0.3414

Complementary

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



69.6761, 0.2960, 0.2930



89.6936, 0.3280, 0.3637

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.



69.6761, 0.3063, 0.3591



69.6761, 0.2960, 0.2930



69.6761, 0.3469, 0.3652

Square

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



69.6761, 0.2960, 0.2930



69.6761, 0.3534, 0.3351



69.6761, 0.3285, 0.3678



69.6761, 0.2737, 0.3206

Rectangle

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



69.6761, 0.2960, 0.2930



69.6761, 0.3326, 0.3109



69.6761, 0.3285, 0.3678



69.6761, 0.2924, 0.3480

Sweetspot

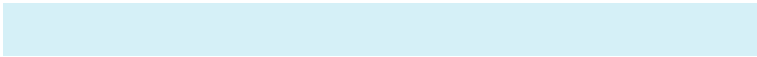
The Sweet Spot groups the original color and five complimentary colors.



69.6790, 0.2960, 0.2930



92.2106, 0.3082, 0.3191



82.9742, 0.2915, 0.3212



19.4329, 0.3073, 0.3172



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.



69.6790, 0.2960, 0.2930



69.6239, 0.2915, 0.2837



72.3844, 0.3075, 0.2942



16.1132, 0.3016, 0.3048



4.0741, 0.1628, 0.0670



0.4030, 0.1746, 0.0736

Inverse Universe

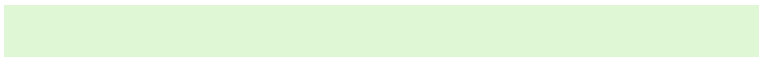
The Inverse Universe completely reimagines the original color for something new.



73.6110, 0.3197, 0.3027



74.7580, 0.3216, 0.2962



86.9617, 0.3172, 0.3649



16.6983, 0.3174, 0.3110



12.4331, 0.3904, 0.1924



1.1084, 0.3799, 0.1866

Previews

White Background



This preview shows how the Yxy color 69.6761, 0.2960, 0.2930 looks on a white background.

Color Contrast Check

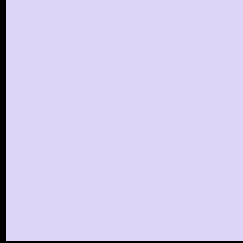
Large Text (above 18pt) WCAG AA × Fail

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 69.6761, 0.2960, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

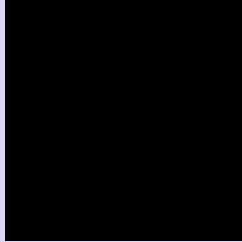
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

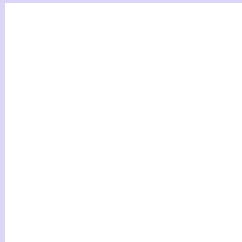
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6761, 0.2960, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 69.6761, 0.2960, 0.2930.



This preview shows how white text looks on a background with the Yxy color 69.6761, 0.2960, 0.2930.

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

69.6761, 0.2960, 0.2930

Protanopia

69.9483, 0.2888, 0.2936

Deuteranopia

69.6497, 0.2981, 0.2921



Tritanopia

69.4871, 0.3043, 0.3106

Trichromacy



Original Color

69.6761, 0.2960, 0.2930

Protanomaly

69.8253, 0.2914, 0.2937

Deuteranomaly

69.4903, 0.2974, 0.2921

Tritanomaly

69.4232, 0.3017, 0.3043

Monochromacy



Original Color

69.6761, 0.2960, 0.2930

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.4985, 0.3069, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6761, 0.2960, 0.2930 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(221, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 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(221, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 247) }
```

Border

The CSS property to change the border of an element to Yxy 69.6761, 0.2960, 0.2930 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(221, 213, 247) }
```

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

```
.border{ border-color:rgb(221, 213, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6761, 0.2960, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 247) }
```

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

```
.background{ background-color: rgb(221,  
213, 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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