

Converting Colors

$Yxy(60.0164, 0.2747, 0.2671)$

Have a look what the booklet for
Yxy(60.0164, 0.2747, 0.2671)
contains.

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Color

Yxy(60.0726, 0.2748, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	C6C7FF
RGB	198, 199, 255
RGB Percent	78%, 78%, 100%
CMY	0.2232, 0.2197, 0.0000
CMYK	0.22, 0.22, 0.00, 0.00
HSL	239°, 100%, 89%
HSV	239°, 22%, 100%
XYZ	61.7813, 60.0726, 102.9688
YIQ	205.0850, -18.5720, 17.2040

Conversions

Conversions Part 2

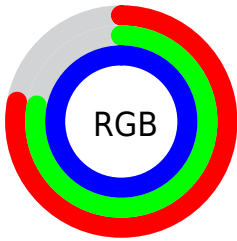
Format	Color
R _Y B	198, 199, 255
Decimal	13027327
CIE Lab	81.88, 11.23, -27.56
CIE LCh	82, 29.759, 292.181
Yxy	60.0726, 0.2748, 0.2672
Android (android.graphics.Color)	4291217407 (0xFFC6C7FF)
YUV	205.0850, 24.6081, -6.2135
Hunter-Lab	77.5065, 6.6478, -24.5132

Details

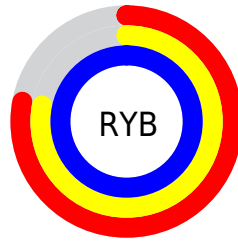
The Yxy color $60.0726, 0.2748, 0.2672$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.2924, 0.3467, 0.3841$, and the grayscale version is $60.9635, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.1677, 0.2651, 0.2527$ is the 20% darker color. If you saturate the color by 10%, you get $46.2814, 0.2547, 0.2344$, and if you desaturate by 10%, it is $76.3533, 0.2931, 0.2970$.

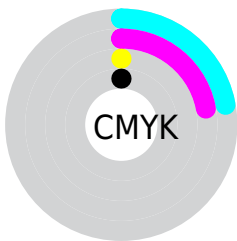
Distribution



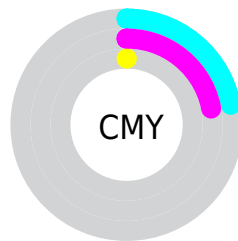
- Red (78%)
- Green (78%)
- Blue (100%)



- Red (78%)
- Yellow (78%)
- Blue (100%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0726, 0.2748, 0.2672 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 60.0726, 0.2748, 0.2672 by changing the saturation by 10% instead.

■ 60.0726, 0.2748,
0.2672

■ 60.0726, 0.2748,
0.2672

■ 424.8653, 0.2929,
0.2957

■ 43.4772, 0.2705,
0.2607

■ 104.9350, 0.2812,
0.2771

■ 30.2597, 0.2652,
0.2528

■ 133.9707, 0.2836,
0.2809

■ 20.0358, 0.2585,
0.2429

■ 167.9220, 0.2857,
0.2842

■ 12.4211, 0.2495,
0.2300

■ 207.1732, 0.2876,
0.2871

■ 7.0311, 0.2372,
0.2129

■ 252.1087, 0.2892,
0.2896

■ 3.4816, 0.2193,
0.1890

■ 303.1130, 0.2906,

■ 1.3880, 0.1917,

0.2919

0.1542

360.5704, 0.2918,
0.2939

0.2079, 0.1393,
0.0614

0.0000, 0.0000,
0.0000

60.0726, 0.2748,
0.2672

60.0726, 0.2748,
0.2672

46.2814, 0.2547,
0.2344

76.3533, 0.2931,
0.2970

34.8552, 0.2334,
0.1993

95.2355, 0.3093,
0.3234

25.6618, 0.2118,
0.1638

100.0000, 0.3127,
0.3290

18.5552, 0.1915,
0.1301

■ 13.3720, 0.1740,
0.1010

■ 9.9247, 0.1609,
0.0790

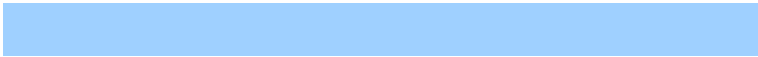
■ 7.9883, 0.1531,
0.0656

■ 7.3069, 0.1502,
0.0607

Harmonies

Analogous

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



60.0726, 0.2503, 0.2711



60.0726, 0.2748, 0.2672



60.0726, 0.3107, 0.2778

Triad

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



60.0726, 0.2748, 0.2672



60.0726, 0.3891, 0.3606



60.0726, 0.2754, 0.3601

Complementary

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



60.0726, 0.2748, 0.2672



96.2924, 0.3467, 0.3841

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.



60.0726, 0.3111, 0.3887



60.0726, 0.2748, 0.2672



60.0726, 0.3776, 0.3861

Square

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



60.0726, 0.2748, 0.2672



60.0726, 0.3787, 0.3295



60.0726, 0.3486, 0.3977



60.0726, 0.2506, 0.3229

Rectangle

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



60.0726, 0.2748, 0.2672



60.0726, 0.3368, 0.2916



60.0726, 0.3486, 0.3977



60.0726, 0.2865, 0.3713

Sweetspot

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



60.0733, 0.2748, 0.2672



86.0681, 0.3019, 0.3115



90.6962, 0.2800, 0.3299



18.1782, 0.3010, 0.3099



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.



60.0733, 0.2748, 0.2672



53.3165, 0.2656, 0.2522



63.7494, 0.2939, 0.2696



17.4234, 0.2978, 0.3048



3.8378, 0.1503, 0.0609



0.3890, 0.1509, 0.0632

Inverse Universe

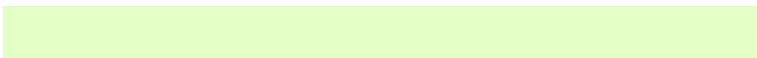
The Inverse Universe completely reimagines the original color for something new.



65.8088, 0.3579, 0.3282



60.0388, 0.3706, 0.3280



92.0118, 0.3283, 0.3883



17.9917, 0.3292, 0.3287



11.1154, 0.6385, 0.3291



1.0838, 0.6347, 0.3270

Previews

White Background



This preview shows how the Yxy color 60.0726, 0.2748, 0.2672 looks on a white background.

Color Contrast Check

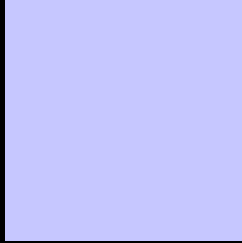
Large Text (above 18pt) WCAG AA × Fail

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 60.0726, 0.2748, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

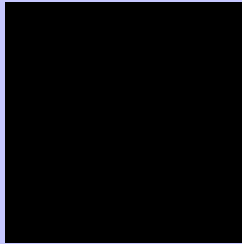
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0726, 0.2748, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 60.0726, 0.2748, 0.2672.

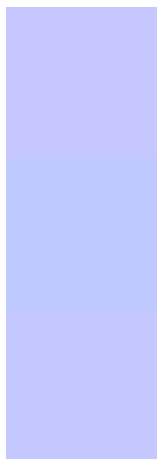


This preview shows how white text looks on a background with the Yxy color 60.0726, 0.2748, 0.2672.

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

60.0726, 0.2748, 0.2672

Protanopia

59.9404, 0.2697, 0.2686

Deuteranopia

59.9372, 0.2741, 0.2671



Tritanopia

60.0896, 0.2923, 0.3102

Trichromacy



Original Color

60.0726, 0.2748, 0.2672

Protanomaly

59.8660, 0.2715, 0.2678

Deuteranomaly

59.9372, 0.2741, 0.2671

Tritanomaly

60.0644, 0.2859, 0.2945

Monochromacy



Original Color

60.0726, 0.2748, 0.2672

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5961, 0.2981, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0726, 0.2748, 0.2672 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(198, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 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(198, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.0726, 0.2748, 0.2672 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(198, 199, 255) }
```

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

```
.border{ border-color:rgb(198, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0726, 0.2748, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 255) }
```

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

```
.background{ background-color: rgb(198,  
199, 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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