

Converting Colors

$Yxy(61.9377, 0.2765, 0.2924)$

Have a look what the booklet for
Yxy(61.9377, 0.2765, 0.2924)
contains.

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Color

Yxy(61.8421, 0.2765, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	BAD0F0
RGB	186, 208, 240
RGB Percent	73%, 82%, 94%
CMY	0.2709, 0.1842, 0.0589
CMYK	0.23, 0.13, 0.00, 0.06
HSL	215°, 64%, 84%
HSV	215°, 23%, 94%
XYZ	58.5193, 61.8421, 91.2816
YIQ	205.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

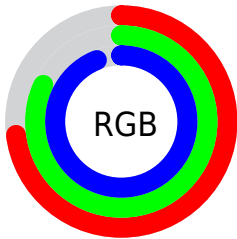
Format	Color
R _Y B	186, 202, 240
Decimal	12243184
CIE Lab	82.83, -0.63, -18.19
CIE LCh	83, 18.199, 268.021
Yxy	61.8421, 0.2765, 0.2922
Android (android.graphics.Color)	4290433264 (0xFFBAD0F0)
YUV	205.0700, 17.2205, -16.7244
Hunter-Lab	78.6397, -4.7898, -13.7735

Details

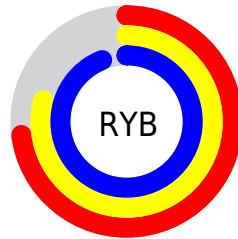
The Yxy color **61.8421, 0.2765, 0.2922** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.1545, 0.3515, 0.3632**, and the grayscale version is **60.9909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **31.4774, 0.2676, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **52.4744, 0.2594, 0.2729**, and if you desaturate by 10%, it is **72.3387, 0.2931, 0.3097**.

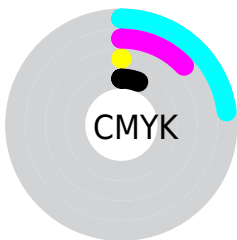
Distribution



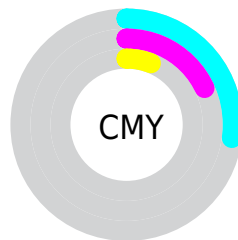
- Red (73%)
- Green (82%)
- Blue (94%)



- Red (73%)
- Yellow (79%)
- Blue (94%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8421, 0.2765, 0.2922 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 61.8421, 0.2765, 0.2922 by changing the saturation by 10% instead.

■ 61.8421, 0.2765,
0.2922

■ 61.8421, 0.2765,
0.2922

431.3549, 0.2936,
0.3096

■ 44.9051, 0.2725,
0.2881

■ 107.4973, 0.2825,
0.2983

■ 31.3827, 0.2676,
0.2831

136.9843, 0.2848,
0.3007

■ 20.8904, 0.2613,
0.2767

171.4234, 0.2868,
0.3027

■ 13.0439, 0.2530,
0.2681

211.1991, 0.2885,
0.3044

■ 7.4588, 0.2415,
0.2564

256.6957, 0.2900,
0.3060

■ 3.7507, 0.2249,
0.2393

308.2976, 0.2913,

■ 1.5351, 0.1987,

0.3073

0.2123

366.3892, 0.2925,
0.3085

0.3132, 0.1194,
0.1325

0.0000, 0.0000,
0.0000

61.8421, 0.2765,
0.2922

61.8421, 0.2765,
0.2922

52.4744, 0.2594,
0.2729

72.3387, 0.2931,
0.3097

44.1867, 0.2421,
0.2520

83.9957, 0.3089,
0.3253

36.9373, 0.2251,
0.2297

96.2931, 0.3218,
0.3393

30.6785, 0.2091,
0.2067

99.0707, 0.3215,
0.3434

■ 25.3582, 0.1948,
0.1835

■ 20.9178, 0.1828,
0.1611

■ 17.2898, 0.1736,
0.1402

■ 15.0416, 0.1683,
0.1260

Harmonies

Analogous

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



61.8421, 0.2689, 0.3030



61.8421, 0.2765, 0.2922



61.8421, 0.2936, 0.2911

Triad

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



61.8421, 0.2765, 0.2922



61.8421, 0.3546, 0.3339



61.8421, 0.3077, 0.3616

Complementary

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



61.8421, 0.2765, 0.2922



72.1545, 0.3515, 0.3632

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.



61.8421, 0.3308, 0.3699



61.8421, 0.2765, 0.2922



61.8421, 0.3585, 0.3527

Square

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



61.8421, 0.2765, 0.2922



61.8421, 0.3390, 0.3146



61.8421, 0.3496, 0.3662



61.8421, 0.2865, 0.3436

Rectangle

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



61.8421, 0.2765, 0.2922



61.8421, 0.3086, 0.2956



61.8421, 0.3496, 0.3662



61.8421, 0.3155, 0.3657

Sweetspot

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



61.8446, 0.2765, 0.2922



90.2200, 0.3019, 0.3185



77.7786, 0.2916, 0.3546



19.1370, 0.3009, 0.3176



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.



61.8446, 0.2765, 0.2922



65.9174, 0.2687, 0.2836



52.3823, 0.2777, 0.2664



16.2896, 0.2980, 0.3147



8.4811, 0.1692, 0.1289



0.8964, 0.1763, 0.1548

Inverse Universe

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



58.1672, 0.3404, 0.3053



61.3109, 0.3477, 0.3002



83.6013, 0.3435, 0.3859



15.8659, 0.3229, 0.3194



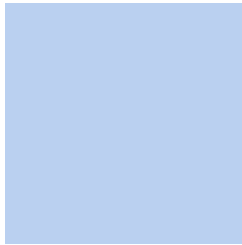
10.6495, 0.5342, 0.2716



0.9052, 0.4997, 0.2527

Previews

White Background



This preview shows how the Yxy color 61.8421, 0.2765, 0.2922 looks on a white background.

Color Contrast Check

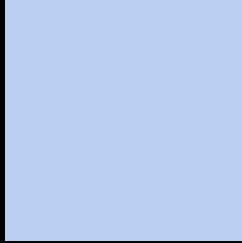
Large Text (above 18pt) WCAG AA × Fail

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 61.8421, 0.2765, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

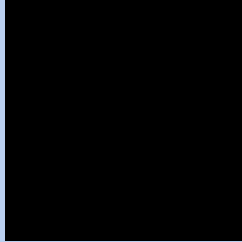
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

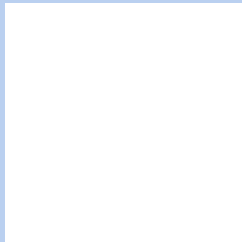
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8421, 0.2765, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 61.8421, 0.2765, 0.2922.



This preview shows how white text looks on a background with the Yxy color 61.8421, 0.2765, 0.2922.

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

61.8421, 0.2765, 0.2922

Protanopia

61.5795, 0.2876, 0.2917

Deuteranopia

61.6795, 0.2912, 0.2848



Tritanopia

61.7065, 0.2825, 0.3089

Trichromacy



Original Color

61.8421, 0.2765, 0.2922

Protanomaly

61.4378, 0.2835, 0.2914

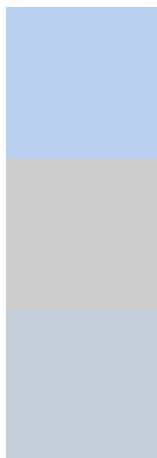
Deuteranomaly

61.9541, 0.2857, 0.2876

Tritanomaly

61.6175, 0.2801, 0.3021

Monochromacy



Original Color

61.8421, 0.2765, 0.2922

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2103, 0.2986, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8421, 0.2765, 0.2922 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(186, 208, 240)` looks like.

```
.text, #text, p{  
    color:rgb(186, 208, 240)  
}
```

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(186, 208, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 208, 240) }
```

Border

The CSS property to change the border of an element to Yxy 61.8421, 0.2765, 0.2922 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(186, 208, 240) }
```

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

```
.border{ border-color:rgb(186, 208, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 208, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 208, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 208, 240);  
box-shadow:4px 4px 4px 4px rgb(186, 208,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8421, 0.2765, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 208, 240) }
```

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

```
.background{ background-color: rgb(186,  
208, 240) }
```

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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