

Converting Colors

Yxy(60.9867, 0.2720, 0.2917)

Have a look what the booklet for
Yxy(60.9867, 0.2720, 0.2917)
contains.

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Color

Yxy(60.9867, 0.2720, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	B3D0F0
RGB	179, 208, 240
RGB Percent	70%, 82%, 94%
CMY	0.2982, 0.1843, 0.0588
CMYK	0.25, 0.13, 0.00, 0.06
HSL	211°, 67%, 82%
HSV	211°, 25%, 94%
XYZ	56.8680, 60.9867, 91.2187
YIQ	202.9770, -27.5560, 3.8040

Conversions

Conversions Part 2

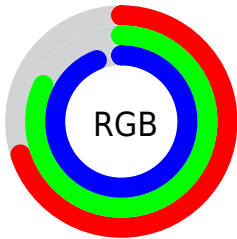
Format	Color
R _Y B	179, 199, 240
Decimal	11784432
CIE Lab	82.37, -2.69, -18.93
CIE LCh	82, 19.125, 261.901
Yxy	60.9867, 0.2720, 0.2917
Android (android.graphics.Color)	4289974512 (0xFFB3D0F0)
YUV	202.9770, 18.2523, -21.0278
Hunter-Lab	78.0940, -6.6810, -14.5887

Details

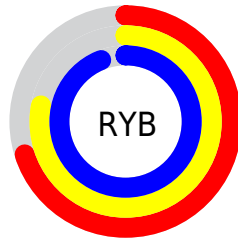
The Yxy color $60.9867, 0.2720, 0.2917$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $68.3462, 0.3583, 0.3636$, and the grayscale version is $59.5994, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.5729, 0.3011, 0.3290$, and $30.9319, 0.2620, 0.2827$ is the 20% darker color. If you saturate the color by 10%, you get $52.4818, 0.2553, 0.2743$, and if you desaturate by 10%, it is $70.4807, 0.2885, 0.3076$.

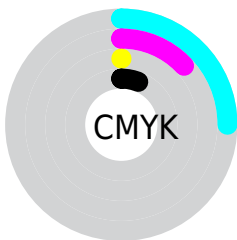
Distribution



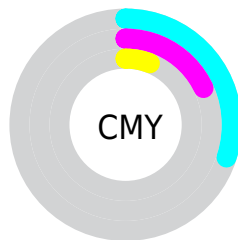
- Red (70%)
- Green (82%)
- Blue (94%)



- Red (70%)
- Yellow (78%)
- Blue (94%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (30%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9867, 0.2720, 0.2917 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 60.9867, 0.2720, 0.2917 by changing the saturation by 10% instead.

■ 60.9867, 0.2720,
0.2917

■ 60.9867, 0.2720,
0.2917

428.2252, 0.2912,
0.3094

■ 44.2144, 0.2675,
0.2875

■ 106.2597, 0.2787,
0.2979

■ 30.8391, 0.2620,
0.2824

135.5292, 0.2813,
0.3003

■ 20.4764, 0.2549,
0.2757

169.7332, 0.2835,
0.3024

■ 12.7418, 0.2456,
0.2669

209.2562, 0.2855,
0.3042

■ 7.2510, 0.2329,
0.2547

254.4825, 0.2872,
0.3057

■ 3.6196, 0.2143,
0.2369

305.7965, 0.2887,

■ 1.4631, 0.1854,

0.3071

0.2086

363.5826, 0.2900,
0.3083

0.2625, 0.0831,
0.1188

0.0000, 0.0000,
0.0000

60.9867, 0.2720,
0.2917

60.9867, 0.2720,
0.2917

52.4818, 0.2553,
0.2743

70.4807, 0.2885,
0.3076

44.9215, 0.2388,
0.2555

80.9912, 0.3044,
0.3219

38.2686, 0.2230,
0.2356

92.5534, 0.3195,
0.3346

32.4800, 0.2084,
0.2151

99.0718, 0.3214,
0.3434

■ 27.5079, 0.1956,
0.1944

■ 23.2982, 0.1851,
0.1743

■ 19.7867, 0.1772,
0.1553

■ 18.3768, 0.1742,
0.1470

Harmonies

Analogous

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



60.9867, 0.2664, 0.3050



60.9867, 0.2720, 0.2917



60.9867, 0.2882, 0.2884

Triad

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



60.9867, 0.2720, 0.2917



60.9867, 0.3545, 0.3298



60.9867, 0.3124, 0.3663

Complementary

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



60.9867, 0.2720, 0.2917



68.3462, 0.3583, 0.3636

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.



60.9867, 0.3364, 0.3725



60.9867, 0.2720, 0.2917



60.9867, 0.3614, 0.3501

Square

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



60.9867, 0.2720, 0.2917



60.9867, 0.3360, 0.3101



60.9867, 0.3546, 0.3660



60.9867, 0.2891, 0.3489

Rectangle

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



60.9867, 0.2720, 0.2917



60.9867, 0.3033, 0.2919



60.9867, 0.3546, 0.3660



60.9867, 0.3207, 0.3698

Sweetspot

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



60.9892, 0.2720, 0.2917



89.7014, 0.3003, 0.3183



76.5828, 0.2914, 0.3632



18.8038, 0.2979, 0.3162



0.0000, 0.0000, 0.0000



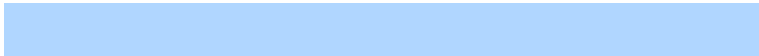
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9892, 0.2720, 0.2917



64.3204, 0.2626, 0.2820



48.2163, 0.2695, 0.2565



16.4697, 0.2980, 0.3163



10.3215, 0.1750, 0.1499



1.0566, 0.1818, 0.1744

Inverse Universe

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



55.3056, 0.3415, 0.2977



57.1242, 0.3500, 0.2904



83.9280, 0.3504, 0.3927



15.8841, 0.3219, 0.3178



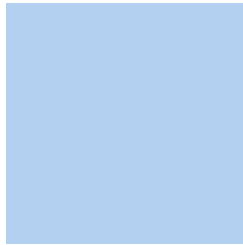
10.8353, 0.5060, 0.2561



0.9214, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 60.9867, 0.2720, 0.2917 looks on a white background.

Color Contrast Check

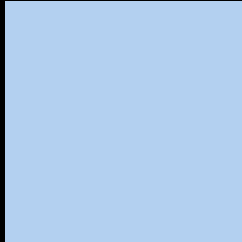
Large Text (above 18pt) WCAG AA × Fail

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 60.9867, 0.2720, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

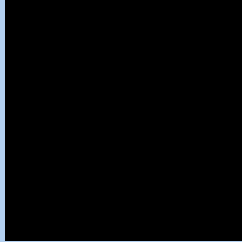
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

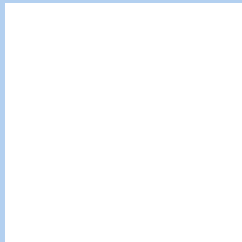
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9867, 0.2720, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 60.9867, 0.2720, 0.2917.



This preview shows how white text looks on a background with the Yxy color 60.9867, 0.2720, 0.2917.

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

60.9867, 0.2720, 0.2917

Protanopia

60.8321, 0.2861, 0.2904

Deuteranopia

60.8412, 0.2884, 0.2824



Tritanopia

60.8693, 0.2779, 0.3086

Trichromacy



Original Color

60.9867, 0.2720, 0.2917

Protanomaly

60.9121, 0.2808, 0.2912

Deuteranomaly

60.7985, 0.2822, 0.2860

Tritanomaly

60.7742, 0.2755, 0.3017

Monochromacy



Original Color

60.9867, 0.2720, 0.2917

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0898, 0.2970, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9867, 0.2720, 0.2917 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(179, 208, 240)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 208, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 208, 240) }
```

Border

The CSS property to change the border of an element to Yxy 60.9867, 0.2720, 0.2917 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(179, 208, 240) }
```

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

```
.border{ border-color:rgb(179, 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(179, 208, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 208, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 208, 240); box-shadow:4px 4px 4px 4px rgb(179, 208, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9867, 0.2720, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 208, 240) }
```

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

```
.background{ background-color: rgb(179,  
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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