

Converting Colors

Yxy(61.2647, 0.2741, 0.2910)

Have a look what the booklet for
Yxy(61.2647, 0.2741, 0.2910)
contains.

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Color

Yxy(61.4703, 0.2746, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	B7D0F0
RGB	183, 208, 240
RGB Percent	72%, 82%, 94%
CMY	0.2824, 0.1843, 0.0589
CMYK	0.24, 0.13, 0.00, 0.06
HSL	214°, 65%, 83%
HSV	214°, 24%, 94%
XYZ	57.8073, 61.4703, 91.2371
YIQ	204.1730, -25.1720, 4.6520

Conversions

Conversions Part 2

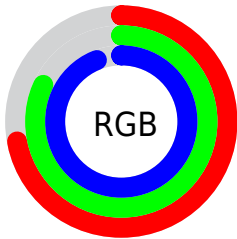
Format	Color
R _Y B	183, 200, 240
Decimal	12046576
CIE Lab	82.63, -1.51, -18.50
CIE LCh	83, 18.561, 265.349
Yxy	61.4703, 0.2746, 0.2920
Android (android.graphics.Color)	4290236656 (0xFFB7D0F0)
YUV	204.1730, 17.6627, -18.5687
Hunter-Lab	78.4030, -5.5953, -14.1133

Details

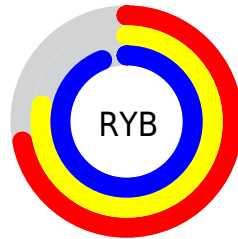
The Yxy color **61.4703, 0.2746, 0.2920** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.5184, 0.3543, 0.3634**, and the grayscale version is **60.3965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **31.2390, 0.2652, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **52.4885, 0.2577, 0.2736**, and if you desaturate by 10%, it is **71.5159, 0.2911, 0.3088**.

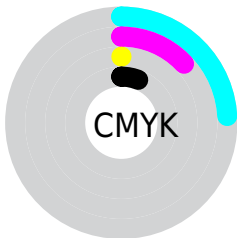
Distribution



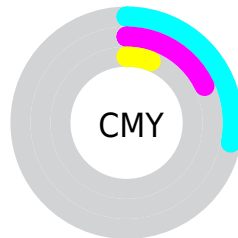
- Red (72%)
- Green (82%)
- Blue (94%)



- Red (72%)
- Yellow (78%)
- Blue (94%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4703, 0.2746, 0.2920 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 61.4703, 0.2746, 0.2920 by changing the saturation by 10% instead.

■ 61.4703, 0.2746,
0.2920

■ 61.4703, 0.2746,
0.2920

429.9963, 0.2926,
0.3095

■ 44.6048, 0.2704,
0.2879

■ 106.9596, 0.2809,
0.2982

■ 31.1463, 0.2652,
0.2828

136.3522, 0.2833,
0.3005

■ 20.7103, 0.2586,
0.2763

170.6893, 0.2854,
0.3026

■ 12.9124, 0.2499,
0.2676

210.3554, 0.2872,
0.3043

■ 7.3682, 0.2379,
0.2557

255.7347, 0.2888,
0.3059

■ 3.6934, 0.2204,
0.2383

307.2117, 0.2902,

■ 1.5036, 0.1931,

0.3072

0.2107

365.1707, 0.2915,
0.3085

0.2913, 0.1045,
0.1268

0.0000, 0.0000,
0.0000

61.4703, 0.2746,
0.2920

61.4703, 0.2746,
0.2920

52.4885, 0.2577,
0.2736

71.5159, 0.2911,
0.3088

44.5237, 0.2407,
0.2536

82.6548, 0.3070,
0.3238

37.5367, 0.2242,
0.2324

94.9244, 0.3220,
0.3372

31.4817, 0.2089,
0.2105

99.0699, 0.3215,
0.3435

■ 26.3091, 0.1952,
0.1884

■ 21.9626, 0.1839,
0.1670

■ 18.3767, 0.1752,
0.1469

■ 16.4671, 0.1709,
0.1352

Harmonies

Analogous

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



61.4703, 0.2679, 0.3039



61.4703, 0.2746, 0.2920



61.4703, 0.2914, 0.2900

Triad

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



61.4703, 0.2746, 0.2920



61.4703, 0.3546, 0.3322



61.4703, 0.3097, 0.3636

Complementary

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



61.4703, 0.2746, 0.2920



70.5184, 0.3543, 0.3634

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.



61.4703, 0.3332, 0.3710



61.4703, 0.2746, 0.2920



61.4703, 0.3597, 0.3516

Square

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



61.4703, 0.2746, 0.2920



61.4703, 0.3377, 0.3127



61.4703, 0.3517, 0.3661



61.4703, 0.2876, 0.3458

Rectangle

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



61.4703, 0.2746, 0.2920



61.4703, 0.3063, 0.2940



61.4703, 0.3517, 0.3661



61.4703, 0.3177, 0.3674

Sweetspot

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



61.4728, 0.2746, 0.2920



90.5474, 0.3019, 0.3191



77.2446, 0.2916, 0.3584



19.2128, 0.3009, 0.3182



0.0000, 0.0000, 0.0000



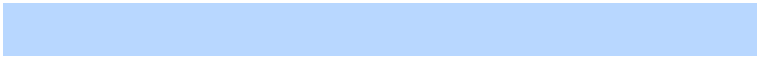
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4728, 0.2746, 0.2920



65.9357, 0.2673, 0.2842



50.5719, 0.2742, 0.2623



16.3707, 0.2980, 0.3154



9.2710, 0.1717, 0.1382



0.9661, 0.1788, 0.1635

Inverse Universe

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



56.9387, 0.3409, 0.3021



60.2787, 0.3476, 0.2969



83.7514, 0.3466, 0.3887



15.8741, 0.3224, 0.3187



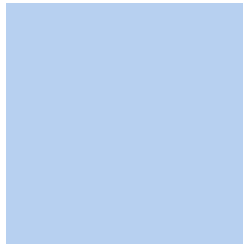
10.7293, 0.5216, 0.2647



0.9122, 0.4886, 0.2466

Previews

White Background



This preview shows how the Yxy color 61.4703, 0.2746, 0.2920 looks on a white background.

Color Contrast Check

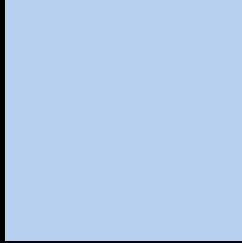
Large Text (above 18pt) WCAG AA × Fail

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 61.4703, 0.2746, 0.2920 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

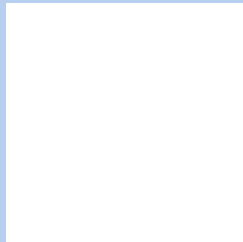
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4703, 0.2746, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 61.4703, 0.2746, 0.2920.



This preview shows how white text looks on a background with the Yxy color 61.4703, 0.2746, 0.2920.

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

61.4703, 0.2746, 0.2920

Protanopia

61.4423, 0.2869, 0.2917

Deuteranopia

61.1293, 0.2898, 0.2826



Tritanopia

61.3425, 0.2806, 0.3088

Trichromacy



Original Color

61.4703, 0.2746, 0.2920

Protanomaly

61.1731, 0.2822, 0.2913

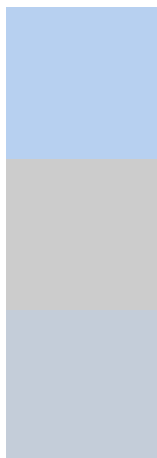
Deuteranomaly

61.2049, 0.2843, 0.2862

Tritanomaly

61.2509, 0.2781, 0.3019

Monochromacy



Original Color

61.4703, 0.2746, 0.2920

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4082, 0.2978, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4703, 0.2746, 0.2920 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(183, 208, 240)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 208, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 208, 240) }
```

Border

The CSS property to change the border of an element to Yxy 61.4703, 0.2746, 0.2920 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(183, 208, 240) }
```

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

```
.border{ border-color:rgb(183, 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(183, 208, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 208, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 208, 240); box-shadow:4px 4px 4px 4px rgb(183, 208, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4703, 0.2746, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 208, 240) }
```

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

```
.background{ background-color: rgb(183,  
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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