

Converting Colors

Yxy(60.0548, 0.2724, 0.2813)

Have a look what the booklet for
Yxy(60.0548, 0.2724, 0.2813)
contains.

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Color

Yxy(60.0926, 0.2726, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	B9CCF5
RGB	185, 204, 245
RGB Percent	73%, 80%, 96%
CMY	0.2743, 0.2000, 0.0393
CMYK	0.24, 0.17, 0.00, 0.04
HSL	221°, 75%, 84%
HSV	221°, 24%, 96%
XYZ	58.0895, 60.0926, 94.9122
YIQ	202.9930, -24.4850, 8.7230

Conversions

Conversions Part 2

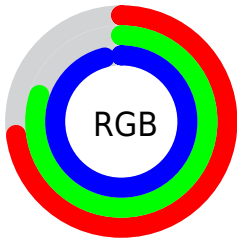
Format	Color
R _Y B	185, 199, 245
Decimal	12176629
CIE Lab	81.89, 2.38, -22.28
CIE LCh	82, 22.405, 276.106
Yxy	60.0926, 0.2726, 0.2820
Android (android.graphics.Color)	4290366709 (0xFFB9CCF5)
YUV	202.9930, 20.7095, -15.7799
Hunter-Lab	77.5194, -1.8992, -18.3291

Details

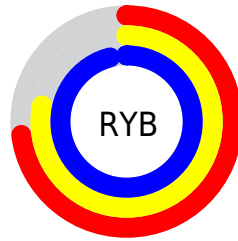
The Yxy color $60.0926, 0.2726, 0.2820$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $77.3351, 0.3541, 0.3719$, and the grayscale version is $59.6018, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6172, 0.3047, 0.3290$, and $30.3121, 0.2625, 0.2701$ is the 20% darker color. If you saturate the color by 10%, you get $49.7631, 0.2546, 0.2591$, and if you desaturate by 10%, it is $71.8090, 0.2898, 0.3028$.

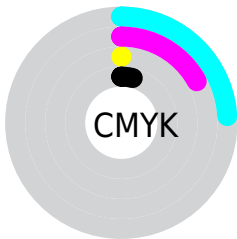
Distribution



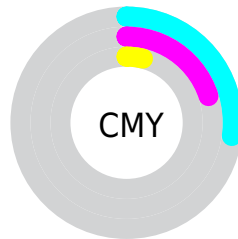
- Red (73%)
- Green (80%)
- Blue (96%)



- Red (73%)
- Yellow (78%)
- Blue (96%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0926, 0.2726, 0.2820 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 60.0926, 0.2726, 0.2820 by changing the saturation by 10% instead.

■ 60.0926, 0.2726,
0.2820

■ 60.0926, 0.2726,
0.2820

424.9390, 0.2916,
0.3041

■ 43.4933, 0.2682,
0.2769

■ 104.9640, 0.2793,
0.2897

■ 30.2723, 0.2626,
0.2705

134.0048, 0.2818,
0.2927

■ 20.0454, 0.2556,
0.2624

167.9617, 0.2841,
0.2953

■ 12.4280, 0.2463,
0.2518

207.2188, 0.2860,
0.2975

■ 7.0359, 0.2335,
0.2374

252.1608, 0.2876,
0.2995

■ 3.4846, 0.2149,
0.2165

303.1718, 0.2891,

■ 1.3896, 0.1860,

0.3012

0.1845

360.6365, 0.2904,
0.3027

0.2091, 0.1025,
0.0834

0.0000, 0.0000,
0.0000

60.0926, 0.2726,
0.2820

60.0926, 0.2726,
0.2820

49.7631, 0.2546,
0.2591

71.8090, 0.2898,
0.3028

40.7595, 0.2363,
0.2343

84.9559, 0.3059,
0.3214

33.0263, 0.2183,
0.2083

98.9039, 0.3186,
0.3379

26.5013, 0.2013,
0.1818

99.3718, 0.3185,
0.3386

■ 21.1162, 0.1863,
0.1559

■ 16.7946, 0.1740,
0.1318

■ 13.4478, 0.1650,
0.1108

■ 11.9571, 0.1613,
0.1007

Harmonies

Analogous

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



60.0926, 0.2599, 0.2919



60.0926, 0.2726, 0.2820



60.0926, 0.2961, 0.2840

Triad

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



60.0926, 0.2726, 0.2820



60.0926, 0.3678, 0.3412



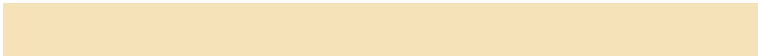
60.0926, 0.2987, 0.3648

Complementary

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



60.0926, 0.2726, 0.2820



77.3351, 0.3541, 0.3719

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.



60.0926, 0.3274, 0.3790



60.0926, 0.2726, 0.2820



60.0926, 0.3682, 0.3634

Square

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



60.0926, 0.2726, 0.2820



60.0926, 0.3518, 0.3172



60.0926, 0.3531, 0.3779



60.0926, 0.2744, 0.3398

Rectangle

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



60.0926, 0.2726, 0.2820



60.0926, 0.3153, 0.2915



60.0926, 0.3531, 0.3779



60.0926, 0.3081, 0.3711

Sweetspot

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



60.0950, 0.2726, 0.2820



89.2260, 0.3019, 0.3169



81.1096, 0.2867, 0.3502



18.9072, 0.3009, 0.3158



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.



60.0950, 0.2726, 0.2820



60.4338, 0.2644, 0.2717



53.0543, 0.2785, 0.2610



16.7812, 0.2980, 0.3123



6.6609, 0.1621, 0.1035



0.7622, 0.1689, 0.1281

Inverse Universe

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



58.4904, 0.3481, 0.3089



58.7077, 0.3569, 0.3049



86.2944, 0.3421, 0.3918



16.5688, 0.3244, 0.3215



10.7718, 0.5706, 0.2917



0.9646, 0.5353, 0.2723

Previews

White Background



This preview shows how the Yxy color 60.0926, 0.2726, 0.2820 looks on a white background.

Color Contrast Check

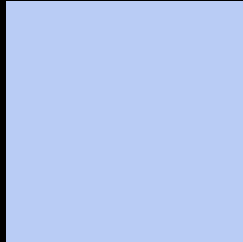
Large Text (above 18pt) WCAG AA × Fail

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 60.0926, 0.2726, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

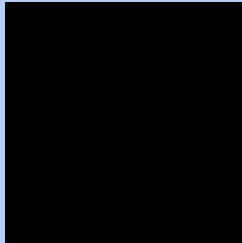
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

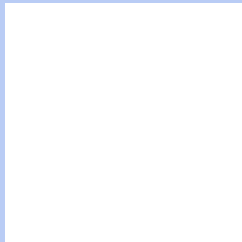
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0926, 0.2726, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 60.0926, 0.2726, 0.2820.



This preview shows how white text looks on a background with the Yxy color 60.0926, 0.2726, 0.2820.

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

60.0926, 0.2726, 0.2820

Protanopia

59.7137, 0.2795, 0.2814

Deuteranopia

60.0572, 0.2830, 0.2767



Tritanopia

60.3173, 0.2829, 0.3099

Trichromacy



Original Color

60.0926, 0.2726, 0.2820

Protanomaly

59.8491, 0.2769, 0.2812

Deuteranomaly

60.1629, 0.2790, 0.2784

Tritanomaly

60.3969, 0.2786, 0.2996

Monochromacy



Original Color

60.0926, 0.2726, 0.2820

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5096, 0.2971, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0926, 0.2726, 0.2820 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(185, 204, 245)` looks like.

```
.text, #text, p{  
    color:rgb(185, 204, 245)  
}
```

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(185, 204, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 245) }
```

Border

The CSS property to change the border of an element to Yxy 60.0926, 0.2726, 0.2820 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(185, 204, 245) }
```

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

```
.border{ border-color:rgb(185, 204, 245) }
```

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

Here you see how a box with a 4 pixel rgb(185, 204, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 204, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 204, 245);  
box-shadow:4px 4px 4px 4px rgb(185, 204,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0926, 0.2726, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 245) }
```

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

```
.background{ background-color: rgb(185,  
204, 245) }
```

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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