

Converting Colors

Yxy(62.1628, 0.2514, 0.2392)

Have a look what the booklet for
Yxy(62.1628, 0.2514, 0.2392)
contains.

Yxy(60.1524, 0.2685, 0.2696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.1524, 0.2685, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	BCCAFF
RGB	188, 202, 255
RGB Percent	74%, 79%, 100%
CMY	0.2628, 0.2078, 0.0000
CMYK	0.26, 0.21, 0.00, 0.00
HSL	227°, 100%, 87%
HSV	227°, 26%, 100%
XYZ	59.9070, 60.1524, 103.0578
YIQ	203.8560, -25.3570, 13.5150

Conversions

Conversions Part 2

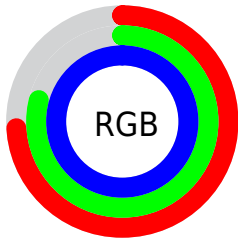
Format	Color
R _Y B	188, 200, 255
Decimal	12372735
CIE Lab	81.92, 6.62, -27.54
CIE LCh	82, 28.324, 283.523
Yxy	60.1524, 0.2685, 0.2696
Android (android.graphics.Color)	4290562815 (0xFFBCCAFF)
YUV	203.8560, 25.2140, -13.9057
Hunter-Lab	77.5580, 2.1497, -24.4930

Details

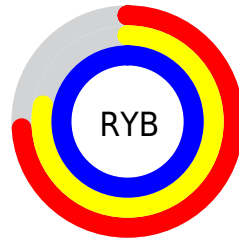
The Yxy color **60.1524, 0.2685, 0.2696** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.7897, 0.3559, 0.3821**, and the grayscale version is **60.1382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **30.2436, 0.2573, 0.2555** is the 20% darker color. If you saturate the color by 10%, you get **48.3440, 0.2495, 0.2424**, and if you desaturate by 10%, it is **73.7743, 0.2865, 0.2943**.

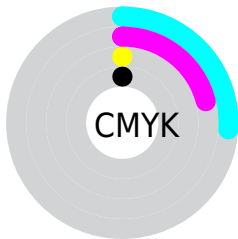
Distribution



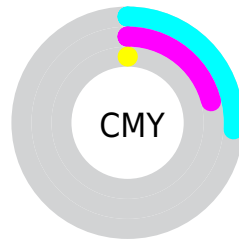
- Red (74%)
- Green (79%)
- Blue (100%)



- Red (74%)
- Yellow (78%)
- Blue (100%)



- Cyan (26%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1524, 0.2685, 0.2696 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 60.1524, 0.2685, 0.2696 by changing the saturation by 10% instead.

60.1524, 0.2685,
0.2696

60.1524, 0.2685,
0.2696

425.1593, 0.2895,
0.2972

43.5415, 0.2636,
0.2633

105.0507, 0.2759,
0.2792

30.3102, 0.2576,
0.2556

134.1069, 0.2787,
0.2829

20.0742, 0.2499,
0.2458

168.0803, 0.2811,
0.2861

12.4490, 0.2397,
0.2332

207.3553, 0.2832,
0.2889

7.0502, 0.2259,
0.2162

252.3163, 0.2851,
0.2914

3.4935, 0.2061,
0.1924

303.3477, 0.2867,

1.3945, 0.1759,

0.2935

0.1576

360.8339, 0.2882,
0.2955

0.2127, 0.1105,
0.0646

0.0000, 0.0000,
0.0000

60.1524, 0.2685,
0.2696

60.1524, 0.2685,
0.2696

48.3440, 0.2495,
0.2424

73.7743, 0.2865,
0.2943

38.2642, 0.2299,
0.2134

89.2754, 0.3031,
0.3165

29.8319, 0.2107,
0.1834

99.9998, 0.3127,
0.3290

22.9565, 0.1927,
0.1538

■ 17.5380, 0.1773,
0.1263

■ 13.4638, 0.1653,
0.1026

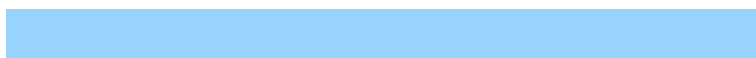
■ 10.6023, 0.1573,
0.0841

■ 9.7971, 0.1552,
0.0786

Harmonies

Analogous

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



60.1524, 0.2492, 0.2777



60.1524, 0.2685, 0.2696



60.1524, 0.3003, 0.2759

Triad

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



60.1524, 0.2685, 0.2696



60.1524, 0.3847, 0.3509



60.1524, 0.2863, 0.3678

Complementary

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



60.1524, 0.2685, 0.2696



87.7897, 0.3559, 0.3821

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.



60.1524, 0.3218, 0.3902



60.1524, 0.2685, 0.2696



60.1524, 0.3797, 0.3775

Square

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



60.1524, 0.2685, 0.2696



60.1524, 0.3689, 0.3211



60.1524, 0.3562, 0.3930



60.1524, 0.2589, 0.3335

Rectangle

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



60.1524, 0.2685, 0.2696



60.1524, 0.3250, 0.2870



60.1524, 0.3562, 0.3930



60.1524, 0.2977, 0.3771

Sweetspot

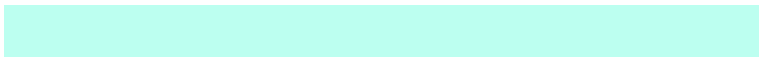
The Sweet Spot groups the original color and five complimentary colors.



60.1548, 0.2685, 0.2696



86.4694, 0.3003, 0.3128



88.5286, 0.2814, 0.3446



17.9933, 0.2979, 0.3096



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.



60.1548, 0.2685, 0.2696



53.1802, 0.2577, 0.2543



56.4447, 0.2801, 0.2560



17.9933, 0.2979, 0.3096



5.2905, 0.1558, 0.0809



0.6638, 0.1612, 0.1003

Inverse Universe

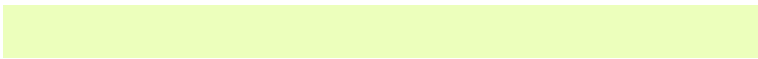
The Inverse Universe completely reimagines the original color for something new.



61.4870, 0.3576, 0.3146



55.0390, 0.3711, 0.3113



92.9840, 0.3398, 0.3978



18.0492, 0.3261, 0.3240



11.2620, 0.6055, 0.3109



1.1116, 0.5754, 0.2943

Previews

White Background



This preview shows how the Yxy color 60.1524, 0.2685, 0.2696 looks on a white background.

Color Contrast Check

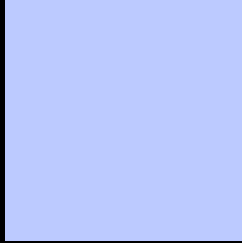
Large Text (above 18pt) WCAG AA × Fail

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 60.1524, 0.2685, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

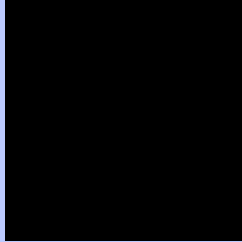
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1524, 0.2685, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 60.1524, 0.2685, 0.2696.



This preview shows how white text looks on a background with the Yxy color 60.1524, 0.2685, 0.2696.

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

60.1524, 0.2685, 0.2696

Protanopia

60.0697, 0.2703, 0.2688

Deuteranopia

60.2643, 0.2735, 0.2682



Tritanopia

60.4387, 0.2836, 0.3099

Trichromacy



Original Color

60.1524, 0.2685, 0.2696

Protanomaly

59.9404, 0.2697, 0.2686

Deuteranomaly

60.3307, 0.2716, 0.2690

Tritanomaly

60.3311, 0.2780, 0.2951

Monochromacy



Original Color

60.1524, 0.2685, 0.2696

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0454, 0.2952, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1524, 0.2685, 0.2696 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(188, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 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(188, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.1524, 0.2685, 0.2696 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(188, 202, 255) }
```

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

```
.border{ border-color:rgb(188, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1524, 0.2685, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 255) }
```

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

```
.background{ background-color: rgb(188,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor