

Converting Colors

Yxy(62.3343, 0.2465, 0.2417)

Have a look what the booklet for
Yxy(62.3343, 0.2465, 0.2417)
contains.

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Color

Yxy(60.3476, 0.2626, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	B2CDFF
RGB	178, 205, 255
RGB Percent	70%, 80%, 100%
CMY	0.3020, 0.1961, 0.0000
CMYK	0.30, 0.20, 0.00, 0.00
HSL	219°, 100%, 85%
HSV	219°, 30%, 100%
XYZ	58.2406, 60.3476, 103.1964
YIQ	202.6270, -32.1420, 9.8260

Conversions

Conversions Part 2

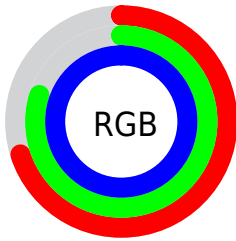
Format	Color
R_{YB}	178, 198, 255
Decimal	11718143
CIE _{Lab}	82.03, 2.15, -27.44
CIE _{LCh}	82, 27.529, 274.490
Yxy	60.3476, 0.2626, 0.2721
Android (android.graphics.Color)	4289908223 (0xFFB2CDFF)
YUV	202.6270, 25.8199, -21.5979
Hunter-Lab	77.6837, -2.1224, -24.3833

Details

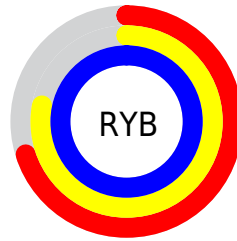
The Yxy color **60.3476, 0.2626, 0.2721** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.9522, 0.3659, 0.3799**, and the grayscale version is **59.3249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **30.4214, 0.2502, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **50.1023, 0.2447, 0.2493**, and if you desaturate by 10%, it is **71.9946, 0.2801, 0.2930**.

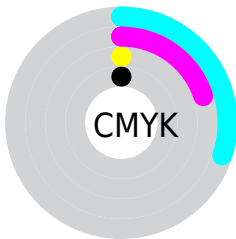
Distribution



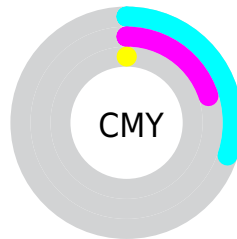
- Red (70%)
- Green (80%)
- Blue (100%)



- Red (70%)
- Yellow (78%)
- Blue (100%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3476, 0.2626, 0.2721 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 60.3476, 0.2626, 0.2721 by changing the saturation by 10% instead.

■ 60.3476, 0.2626,
0.2721

■ 60.3476, 0.2626,
0.2721

425.8778, 0.2862,
0.2987

■ 43.6989, 0.2572,
0.2660

■ 105.3337, 0.2708,
0.2814

■ 30.4338, 0.2504,
0.2584

134.4399, 0.2740,
0.2850

■ 20.1681, 0.2418,
0.2489

168.4674, 0.2768,
0.2881

■ 12.5173, 0.2306,
0.2365

207.8006, 0.2792,
0.2908

■ 7.0970, 0.2155,
0.2198

252.8238, 0.2812,
0.2931

■ 3.5228, 0.1939,
0.1962

303.9215, 0.2831,

■ 1.4104, 0.1617,

0.2952

0.1613

361.4780, 0.2847,
0.2971

0.2244, 0.0826,
0.0697

0.0000, 0.0000,
0.0000

60.3476, 0.2626,
0.2721

60.3476, 0.2626,
0.2721

50.1023, 0.2447,
0.2493

71.9946, 0.2801,
0.2930

41.1970, 0.2268,
0.2250

85.0921, 0.2968,
0.3119

33.5719, 0.2098,
0.1998

99.6924, 0.3124,
0.3287

27.1600, 0.1942,
0.1745

100.0000, 0.3127,
0.3290

■ 21.8871, 0.1810,
0.1502

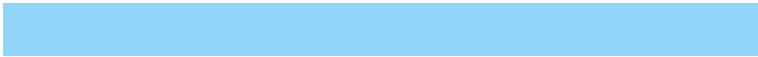
■ 17.6686, 0.1708,
0.1280

■ 14.4408, 0.1637,
0.1091

Harmonies

Analogous

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



60.3476, 0.2482, 0.2844



60.3476, 0.2626, 0.2721



60.3476, 0.2904, 0.2741

Triad

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



60.3476, 0.2626, 0.2721



60.3476, 0.3800, 0.3417



60.3476, 0.2970, 0.3748

Complementary

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



60.3476, 0.2626, 0.2721



79.9522, 0.3659, 0.3799

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.



60.3476, 0.3322, 0.3913



60.3476, 0.2626, 0.2721



60.3476, 0.3813, 0.3692

Square

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



60.3476, 0.2626, 0.2721



60.3476, 0.3592, 0.3129



60.3476, 0.3634, 0.3882



60.3476, 0.2672, 0.3439

Rectangle

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



60.3476, 0.2626, 0.2721



60.3476, 0.3137, 0.2827



60.3476, 0.3634, 0.3882



60.3476, 0.3086, 0.3824

Sweetspot

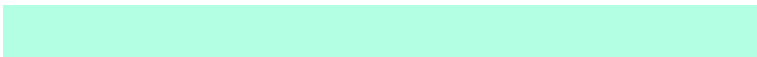
The Sweet Spot groups the original color and five complimentary colors.



60.3491, 0.2626, 0.2721



86.7638, 0.2987, 0.3140



86.5168, 0.2830, 0.3604



18.1378, 0.2964, 0.3114



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.



60.3491, 0.2626, 0.2721



54.2392, 0.2522, 0.2591



49.7810, 0.2660, 0.2418



18.4200, 0.2979, 0.3131



7.7978, 0.1645, 0.1121



0.9552, 0.1707, 0.1345

Inverse Universe

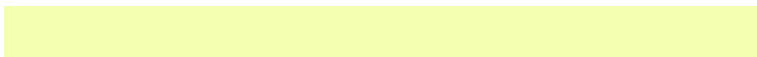
The Inverse Universe completely reimagines the original color for something new.



57.5049, 0.3570, 0.3012



51.4839, 0.3690, 0.2956



94.0983, 0.3515, 0.4066



18.0923, 0.3239, 0.3207



11.5152, 0.5580, 0.2848



1.1410, 0.5265, 0.2674

Previews

White Background



This preview shows how the Yxy color 60.3476, 0.2626, 0.2721 looks on a white background.

Color Contrast Check

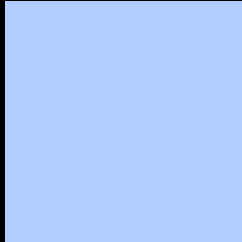
Large Text (above 18pt) WCAG AA × Fail

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 60.3476, 0.2626, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

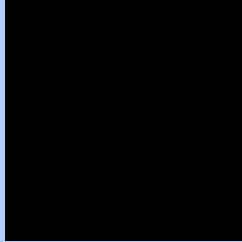
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

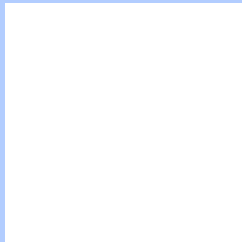
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3476, 0.2626, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 60.3476, 0.2626, 0.2721.



This preview shows how white text looks on a background with the Yxy color 60.3476, 0.2626, 0.2721.

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

60.3476, 0.2626, 0.2721

Protanopia

60.4093, 0.2716, 0.2719

Deuteranopia

60.2643, 0.2735, 0.2682



Tritanopia

60.4099, 0.2754, 0.3085

Trichromacy



Original Color

60.3476, 0.2626, 0.2721

Protanomaly

60.3067, 0.2679, 0.2716

Deuteranomaly

60.2799, 0.2691, 0.2697

Tritanomaly

60.2248, 0.2706, 0.2947

Monochromacy



Original Color

60.3476, 0.2626, 0.2721

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9290, 0.2930, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3476, 0.2626, 0.2721 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(178, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 205, 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(178, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.3476, 0.2626, 0.2721 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(178, 205, 255) }
```

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

```
.border{ border-color:rgb(178, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 205, 255); box-shadow:4px 4px 4px 4px rgb(178, 205, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3476, 0.2626, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 205, 255) }
```

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

```
.background{ background-color: rgb(178,  
205, 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](#).

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