

Converting Colors

Yxy(63.4888, 0.2620, 0.2697)

Have a look what the booklet for
Yxy(63.4888, 0.2620, 0.2697)
contains.

Yxy(62.8882, 0.2662, 0.2772)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.8882, 0.2662, 0.2772)

Conversions

Conversions Part 1

Format	Color
Hex	B7D1FF
RGB	183, 209, 255
RGB Percent	72%, 82%, 100%
CMY	0.2821, 0.1804, 0.0000
CMYK	0.28, 0.18, 0.00, 0.00
HSL	218°, 100%, 86%
HSV	218°, 28%, 100%
XYZ	60.3926, 62.8882, 103.5886
YIQ	206.4700, -30.2620, 8.7940

Conversions

Conversions Part 2

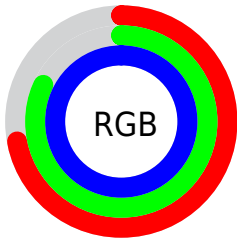
Format	Color
R _Y B	183, 202, 255
Decimal	12046847
CIE Lab	83.38, 1.47, -25.35
CIE LCh	83, 25.396, 273.328
Yxy	62.8882, 0.2662, 0.2772
Android (android.graphics.Color)	4290236927 (0xFFB7D1FF)
YUV	206.4700, 23.9253, -20.5832
Hunter-Lab	79.3021, -2.8417, -21.9363

Details

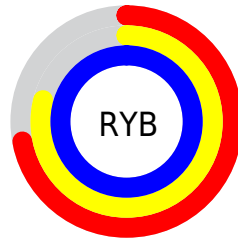
The Yxy color **62.8882, 0.2662, 0.2772** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.7605, 0.3622, 0.3758**, and the grayscale version is **61.9023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **32.1091, 0.2548, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **52.4414, 0.2484, 0.2551**, and if you desaturate by 10%, it is **74.7218, 0.2835, 0.2974**.

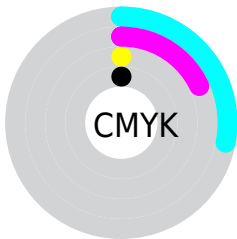
Distribution



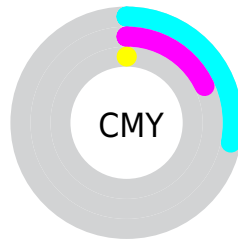
- Red (72%)
- Green (82%)
- Blue (100%)



- Red (72%)
- Yellow (79%)
- Blue (100%)



- Cyan (28%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8882, 0.2662, 0.2772 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 62.8882, 0.2662, 0.2772 by changing the saturation by 10% instead.

■ 62.8882, 0.2662,
0.2772

■ 62.8882, 0.2662,
0.2772

435.1636, 0.2880,
0.3014

■ 45.7508, 0.2612,
0.2717

■ 109.0082, 0.2738,
0.2856

■ 32.0492, 0.2550,
0.2648

138.7596, 0.2767,
0.2889

■ 21.3991, 0.2472,
0.2562

173.4844, 0.2793,
0.2917

■ 13.4160, 0.2369,
0.2450

213.5670, 0.2815,
0.2941

■ 7.7156, 0.2231,
0.2299

259.3918, 0.2834,
0.2963

■ 3.9135, 0.2034,
0.2085

311.3433, 0.2851,

■ 1.6253, 0.1738,

0.2982

0.1766

369.8058, 0.2866,
0.2998

0.3746, 0.1111,
0.1061

0.0000, 0.0000,
0.0000

62.8882, 0.2662,
0.2772

62.8882, 0.2662,
0.2772

52.4414, 0.2484,
0.2551

74.7218, 0.2835,
0.2974

43.3248, 0.2306,
0.2314

87.9925, 0.3000,
0.3156

35.4796, 0.2135,
0.2067

100.0000, 0.3127,
0.3290

28.8416, 0.1977,
0.1817

■ 23.3398, 0.1841,
0.1574

■ 18.8933, 0.1733,
0.1348

■ 15.4007, 0.1655,
0.1149

■ 14.8570, 0.1644,
0.1117

Harmonies

Analogous

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



62.8882, 0.2535, 0.2892



62.8882, 0.2662, 0.2772



62.8882, 0.2913, 0.2784

Triad

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



62.8882, 0.2662, 0.2772



62.8882, 0.3734, 0.3398



62.8882, 0.2998, 0.3713

Complementary

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



62.8882, 0.2662, 0.2772



80.7605, 0.3622, 0.3758

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.



62.8882, 0.3319, 0.3857



62.8882, 0.2662, 0.2772



62.8882, 0.3754, 0.3650

Square

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



62.8882, 0.2662, 0.2772



62.8882, 0.3540, 0.3134



62.8882, 0.3598, 0.3825



62.8882, 0.2721, 0.3438

Rectangle

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



62.8882, 0.2662, 0.2772



62.8882, 0.3124, 0.2860



62.8882, 0.3598, 0.3825



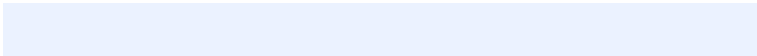
62.8882, 0.3104, 0.3780

Sweetspot

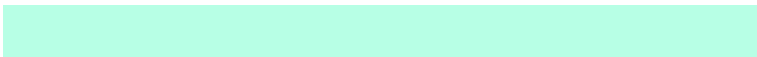
The Sweet Spot groups the original color and five complimentary colors.



62.8887, 0.2662, 0.2772



88.2898, 0.3003, 0.3160



87.2306, 0.2848, 0.3580



18.4492, 0.2979, 0.3134



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.



62.8887, 0.2662, 0.2772



56.6763, 0.2560, 0.2647



52.4031, 0.2696, 0.2483



18.4492, 0.2979, 0.3134



8.0196, 0.1652, 0.1147



0.9791, 0.1714, 0.1371

Inverse Universe

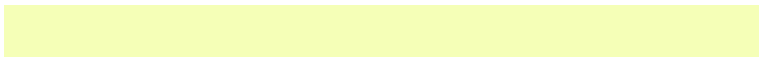
The Inverse Universe completely reimagines the original color for something new.



59.7542, 0.3527, 0.3024



53.5251, 0.3640, 0.2967



94.4273, 0.3490, 0.4014



18.0953, 0.3237, 0.3205



11.5375, 0.5543, 0.2827



1.1434, 0.5230, 0.2655

Previews

White Background



This preview shows how the Yxy color 62.8882, 0.2662, 0.2772 looks on a white background.

Color Contrast Check

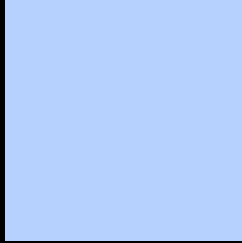
Large Text (above 18pt) WCAG AA × Fail

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 62.8882, 0.2662, 0.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

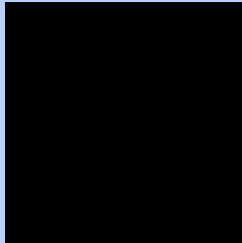
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

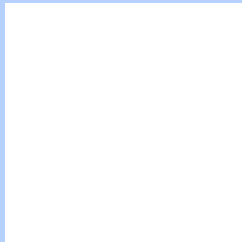
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8882, 0.2662, 0.2772

Background



This preview shows how black text looks on a background with the Yxy color 62.8882, 0.2662, 0.2772.



This preview shows how white text looks on a background with the Yxy color 62.8882, 0.2662, 0.2772.

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

62.8882, 0.2662, 0.2772

Protanopia

62.6248, 0.2758, 0.2760

Deuteranopia

62.6284, 0.2784, 0.2723



Tritanopia

62.7666, 0.2777, 0.3089

Trichromacy



Original Color

62.8882, 0.2662, 0.2772

Protanomaly

62.5048, 0.2721, 0.2756

Deuteranomaly

62.6184, 0.2740, 0.2739

Tritanomaly

63.0223, 0.2737, 0.2976

Monochromacy



Original Color

62.8882, 0.2662, 0.2772

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0132, 0.2946, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8882, 0.2662, 0.2772 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, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 209, 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(183, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.8882, 0.2662, 0.2772 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, 209, 255) }
```

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

```
.border{ border-color:rgb(183, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8882, 0.2662, 0.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 209, 255) }
```

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

```
.background{ background-color: rgb(183,  
209, 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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