

Converting Colors

$Yxy(72.7092, 0.2173, 0.1868)$

Have a look what the booklet for
Yxy(72.7092, 0.2173, 0.1868)
contains.

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Color

Yxy(62.7660, 0.2656, 0.2772)

Conversions

Conversions Part 1

Format	Color
Hex	B6D1FF
RGB	182, 209, 255
RGB Percent	71%, 82%, 100%
CMY	0.2862, 0.1804, 0.0001
CMYK	0.29, 0.18, 0.00, 0.00
HSL	218°, 100%, 86%
HSV	218°, 29%, 100%
XYZ	60.1394, 62.7660, 103.5231
YIQ	206.1710, -30.8580, 8.5820

Conversions

Conversions Part 2

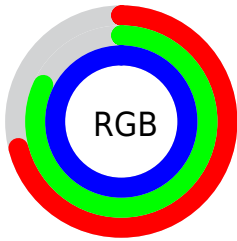
Format	Color
R _Y B	182, 202, 255
Decimal	11981311
CIE Lab	83.32, 1.15, -25.42
CIE LCh	83, 25.449, 272.591
Yxy	62.7660, 0.2656, 0.2772
Android (android.graphics.Color)	4290171391 (0xFFB6D1FF)
YUV	206.1710, 24.0727, -21.1980
Hunter-Lab	79.2250, -3.1450, -22.0166

Details

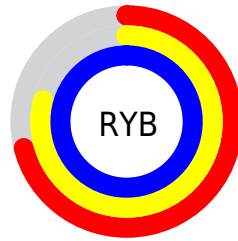
The Yxy color **62.7660, 0.2656, 0.2772** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.1050, 0.3631, 0.3758**, and the grayscale version is **61.6966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **32.0319, 0.2541, 0.2654** is the 20% darker color. If you saturate the color by 10%, you get **52.4520, 0.2479, 0.2554**, and if you desaturate by 10%, it is **74.4448, 0.2829, 0.2972**.

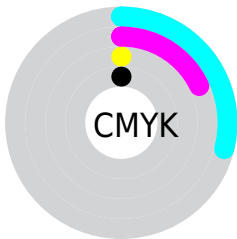
Distribution



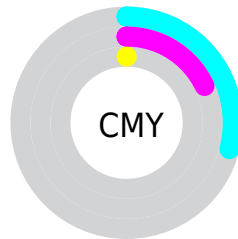
- Red (71%)
- Green (82%)
- Blue (100%)



- Red (71%)
- Yellow (79%)
- Blue (100%)



- Cyan (29%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7660, 0.2656, 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 62.7660, 0.2656, 0.2772 by changing the saturation by 10% instead.

■ 62.7660, 0.2656,
0.2772

■ 62.7660, 0.2656,
0.2772

434.7198, 0.2877,
0.3014

■ 45.6519, 0.2605,
0.2717

■ 108.8319, 0.2733,
0.2856

■ 31.9712, 0.2543,
0.2648

138.5524, 0.2763,
0.2889

■ 21.3395, 0.2463,
0.2562

173.2440, 0.2788,
0.2917

■ 13.3724, 0.2360,
0.2449

213.2908, 0.2811,
0.2941

■ 7.6855, 0.2219,
0.2298

259.0775, 0.2830,
0.2963

■ 3.8944, 0.2020,
0.2083

310.9882, 0.2847,

■ 1.6146, 0.1722,

0.2982

0.1763

369.4075, 0.2863,
0.2999

0.3674, 0.1077,
0.1049

0.0000, 0.0000,
0.0000

62.7660, 0.2656,
0.2772

62.7660, 0.2656,
0.2772

52.4520, 0.2479,
0.2554

74.4448, 0.2829,
0.2972

43.4414, 0.2302,
0.2320

87.5319, 0.2993,
0.3151

35.6783, 0.2132,
0.2076

99.9978, 0.3127,
0.3290

29.0997, 0.1977,
0.1829

■ 23.6356, 0.1842,
0.1589

■ 19.2064, 0.1736,
0.1366

■ 15.7093, 0.1660,
0.1168

■ 15.2824, 0.1651,
0.1143

Harmonies

Analogous

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



62.7660, 0.2532, 0.2895



62.7660, 0.2656, 0.2772



62.7660, 0.2905, 0.2781

Triad

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



62.7660, 0.2656, 0.2772



62.7660, 0.3733, 0.3392



62.7660, 0.3005, 0.3720

Complementary

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



62.7660, 0.2656, 0.2772



80.1050, 0.3631, 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.



62.7660, 0.3327, 0.3860



62.7660, 0.2656, 0.2772



62.7660, 0.3758, 0.3646

Square

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



62.7660, 0.2656, 0.2772



62.7660, 0.3535, 0.3128



62.7660, 0.3605, 0.3824



62.7660, 0.2726, 0.3446

Rectangle

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



62.7660, 0.2656, 0.2772



62.7660, 0.3116, 0.2855



62.7660, 0.3605, 0.3824



62.7660, 0.3112, 0.3785

Sweetspot

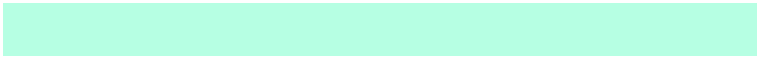
The Sweet Spot groups the original color and five complimentary colors.



62.7685, 0.2656, 0.2772



87.0234, 0.2987, 0.3145



86.9913, 0.2851, 0.3599



18.2015, 0.2964, 0.3120



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.



62.7685, 0.2656, 0.2772



57.0613, 0.2561, 0.2657



51.6951, 0.2681, 0.2468



18.4784, 0.2979, 0.3136



8.2484, 0.1659, 0.1173



1.0037, 0.1722, 0.1397

Inverse Universe

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



59.3195, 0.3528, 0.3013



53.5640, 0.3632, 0.2958



94.5514, 0.3503, 0.4022



18.0982, 0.3236, 0.3202



11.5606, 0.5505, 0.2806



1.1459, 0.5194, 0.2635

Previews

White Background



This preview shows how the Yxy color 62.7660, 0.2656, 0.2772 looks on a white background.

Color Contrast Check

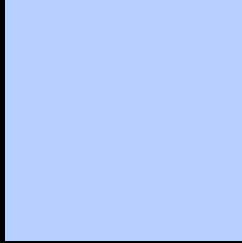
Large Text (above 18pt) WCAG AA × Fail

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 62.7660, 0.2656, 0.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

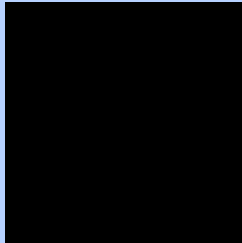
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

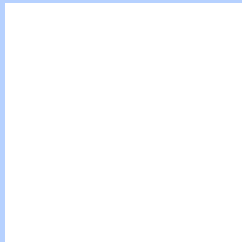
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7660, 0.2656, 0.2772

Background



This preview shows how black text looks on a background with the Yxy color 62.7660, 0.2656, 0.2772.



This preview shows how white text looks on a background with the Yxy color 62.7660, 0.2656, 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

62.7660, 0.2656, 0.2772

Protanopia

62.5612, 0.2764, 0.2770

Deuteranopia

62.6284, 0.2784, 0.2723



Tritanopia

62.6488, 0.2771, 0.3088

Trichromacy



Original Color

62.7660, 0.2656, 0.2772

Protanomaly

62.4409, 0.2726, 0.2766

Deuteranomaly

62.4847, 0.2733, 0.2738

Tritanomaly

62.9027, 0.2730, 0.2976

Monochromacy



Original Color

62.7660, 0.2656, 0.2772

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8778, 0.2939, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7660, 0.2656, 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(182, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.7660, 0.2656, 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(182, 209, 255) }
```

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

```
.border{ border-color:rgb(182, 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(182, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7660, 0.2656, 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(182, 209, 255) }
```

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

```
.background{ background-color: rgb(182,  
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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