

Converting Colors

$Yxy(61.8392, 0.2339, 0.2906)$

Have a look what the booklet for
Yxy(61.8392, 0.2339, 0.2906)
contains.

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Color

Yxy(62.1207, 0.2341, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	6FDDFC
RGB	111, 221, 252
RGB Percent	44%, 87%, 99%
CMY	0.5642, 0.1334, 0.0118
CMYK	0.56, 0.12, 0.00, 0.01
HSL	193°, 96%, 71%
HSV	193°, 56%, 99%
XYZ	49.9913, 62.1207, 101.4346
YIQ	191.6440, -75.5110, -13.6790

Conversions

Conversions Part 2

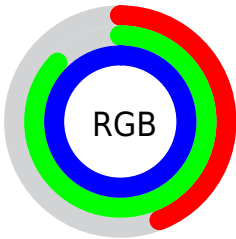
Format	Color
RYB	111, 173, 252
Decimal	7331324
CIELab	82.98, -23.02, -24.68
CIELCh	83, 33.752, 226.989
Yxy	62.1207, 0.2341, 0.2909
Android (android.graphics.Color)	4285521404 (0xFF6FDDFC)
YUV	191.6440, 29.7555, -70.7248
Hunter-Lab	78.8167, -24.7116, -21.1327

Details

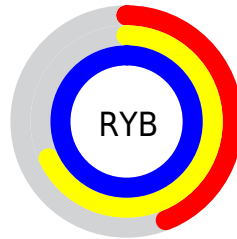
The Yxy color **62.1207, 0.2341, 0.2909** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **41.2229, 0.4616, 0.3610**, and the grayscale version is **52.3686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5107, 0.2662, 0.3289**, and **31.6439, 0.2164, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **57.8311, 0.2241, 0.2828**, and if you desaturate by 10%, it is **66.9727, 0.2458, 0.2987**.

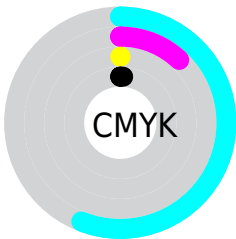
Distribution



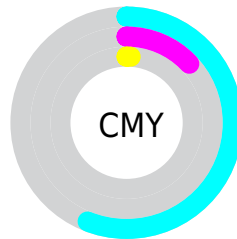
- Red (44%)
- Green (87%)
- Blue (99%)



- Red (44%)
- Yellow (68%)
- Blue (99%)



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)





- Cyan (56%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1207, 0.2341, 0.2909 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 62.1207, 0.2341, 0.2909 by changing the saturation by 10% instead.

 62.1207, 0.2341,
0.2909

 62.1207, 0.2341,
0.2909


432.3712, 0.2702,
0.3098

 45.1302, 0.2260,
0.2863

 107.9000, 0.2465,
0.2977

 31.5600, 0.2161,
0.2805


 137.4575, 0.2514,
0.3003

 21.0257, 0.2037,
0.2730


 171.9729, 0.2556,
0.3025

 13.1428, 0.1879,
0.2628

211.8306, 0.2593,
0.3044

 7.5269, 0.1671,
0.2486

257.4148, 0.2625,
0.3060

 3.7938, 0.1390,
0.2276

309.1101, 0.2654,

 1.5589, 0.1002,

0.3074

0.1943

367.3008, 0.2679,
0.3087

■ 0.3296, 0.0000,
0.1135

■ 0.0000, 0.0000,
0.0000

■ 62.1207, 0.2341,
0.2909

■ 62.1207, 0.2341,
0.2909

■ 57.8311, 0.2241,
0.2828

■ 66.9727, 0.2458,
0.2987

■ 54.0561, 0.2159,
0.2746

■ 72.4163, 0.2590,
0.3062

■ 50.7506, 0.2098,
0.2664

■ 78.4864, 0.2732,
0.3132

■ 47.8557, 0.2056,
0.2583

■ 85.2132, 0.2882,
0.3198

46.7519, 0.2042,
0.2550

92.6245, 0.3036,
0.3257

99.3326, 0.3145,
0.3312

99.8071, 0.3145,
0.3319

Harmonies

Analogous

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



62.1207, 0.2470, 0.3290



62.1207, 0.2341, 0.2909



62.1207, 0.2403, 0.2668

Triad

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



62.1207, 0.2341, 0.2909



62.1207, 0.3464, 0.2917



62.1207, 0.3592, 0.4054

Complementary

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



62.1207, 0.2341, 0.2909



41.2229, 0.4616, 0.3610

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.



62.1207, 0.3892, 0.3883



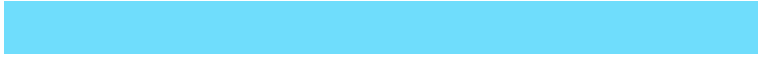
62.1207, 0.2341, 0.2909



62.1207, 0.3824, 0.3232

Square

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



62.1207, 0.2341, 0.2909



62.1207, 0.3027, 0.2690



62.1207, 0.3982, 0.3579



62.1207, 0.3180, 0.4000

Rectangle

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



62.1207, 0.2341, 0.2909



62.1207, 0.2546, 0.2603



62.1207, 0.3982, 0.3579



62.1207, 0.3710, 0.4018

Sweetspot

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



62.1230, 0.2341, 0.2909



86.7500, 0.2865, 0.3191



74.9392, 0.2914, 0.4724



18.2621, 0.2834, 0.3178



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.



62.1230, 0.2341, 0.2909



58.9494, 0.2230, 0.2819



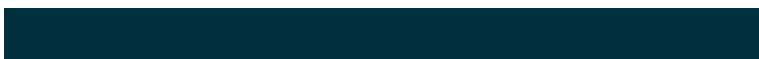
32.5592, 0.2143, 0.1982



18.9225, 0.2980, 0.3237



24.5856, 0.2046, 0.2564



2.4314, 0.2073, 0.2661

Inverse Universe

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



37.3083, 0.3491, 0.2212



32.6551, 0.3588, 0.2055



68.9656, 0.4150, 0.4299



17.4553, 0.3172, 0.3107



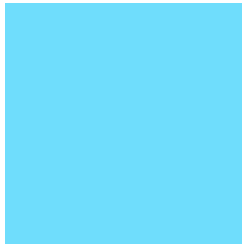
12.8928, 0.3859, 0.1900



1.2097, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 62.1207, 0.2341, 0.2909 looks on a white background.

Color Contrast Check

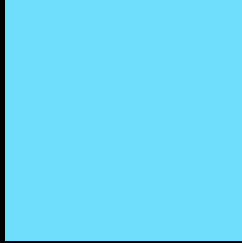
Large Text (above 18pt) WCAG AA × Fail

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 62.1207, 0.2341, 0.2909 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 62.1207, 0.2341, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 62.1207, 0.2341, 0.2909.



This preview shows how white text looks on a background with the Yxy color 62.1207, 0.2341, 0.2909.

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

62.1207, 0.2341, 0.2909

Protanopia

61.4828, 0.2843, 0.2884

Deuteranopia

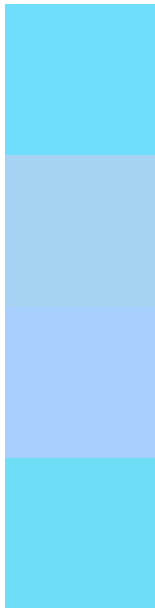
61.1354, 0.2756, 0.2696



Tritanopia

62.2520, 0.2378, 0.3063

Trichromacy



Original Color

62.1207, 0.2341, 0.2909

Protanomaly

60.7318, 0.2621, 0.2889

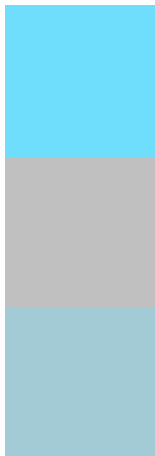
Deuteranomaly

60.4830, 0.2571, 0.2758

Tritanomaly

62.0863, 0.2365, 0.3002

Monochromacy



Original Color

62.1207, 0.2341, 0.2909

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

55.3534, 0.2766, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1207, 0.2341, 0.2909 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(111, 221, 252)` looks like.

```
.text, #text, p{  
    color:rgb(111, 221, 252)  
}
```

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(111, 221, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 221, 252) }
```

Border

The CSS property to change the border of an element to Yxy 62.1207, 0.2341, 0.2909 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(111, 221, 252) }
```

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

```
.border{ border-color:rgb(111, 221, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 221, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 221, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 221, 252);  
box-shadow:4px 4px 4px 4px rgb(111, 221,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1207, 0.2341, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 221, 252) }
```

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

```
.background{ background-color: rgb(111,  
221, 252) }
```

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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