

Converting Colors

$Yxy(64.9682, 0.2498, 0.2997)$

Have a look what the booklet for
Yxy(64.9682, 0.2498, 0.2997)
contains.

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Color

Yxy(65.2415, 0.2500, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	8EDFF7
RGB	142, 223, 247
RGB Percent	56%, 87%, 97%
CMY	0.4432, 0.1255, 0.0312
CMYK	0.43, 0.10, 0.00, 0.03
HSL	194°, 87%, 76%
HSV	194°, 43%, 97%
XYZ	54.3317, 65.2415, 97.7536
YIQ	201.5170, -55.9800, -9.7080

Conversions

Conversions Part 2

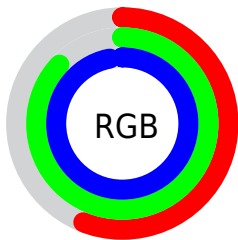
Format	Color
R _Y B	142, 188, 247
Decimal	9363447
CIE Lab	84.61, -18.69, -19.48
CIE LCh	85, 26.996, 226.177
Yxy	65.2415, 0.2500, 0.3002
Android (android.graphics.Color)	4287553527 (0xFF8EDFF7)
YUV	201.5170, 22.4231, -52.1964
Hunter-Lab	80.7722, -21.2828, -15.2145

Details

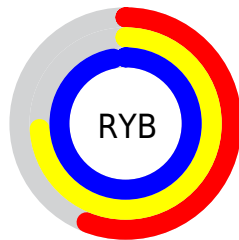
The Yxy color **65.2415, 0.2500, 0.3002** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.0068, 0.4124, 0.3553**, and the grayscale version is **58.6288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **33.6981, 0.2357, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **60.3269, 0.2377, 0.2922**, and if you desaturate by 10%, it is **70.7461, 0.2636, 0.3078**.

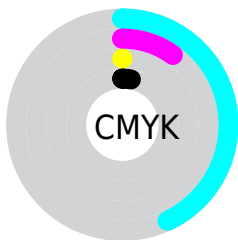
Distribution



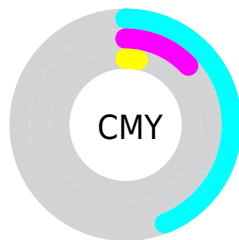
- Red (56%)
- Green (87%)
- Blue (97%)



- Red (56%)
- Yellow (74%)
- Blue (97%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)





- Cyan (44%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2415, 0.2500, 0.3002 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 65.2415, 0.2500, 0.3002 by changing the saturation by 10% instead.


 65.2415, 0.2500,
0.3002


 65.2415, 0.2500,
0.3002


443.6593, 0.2788,
0.3143

 47.6569, 0.2435,
0.2968


 112.3970, 0.2600,
0.3053

 33.5553, 0.2355,
0.2925


 142.7367, 0.2638,
0.3072

 22.5522, 0.2255,
0.2869


178.0969, 0.2672,
0.3088

 14.2632, 0.2125,
0.2794

218.8620, 0.2701,
0.3102

 8.3039, 0.1953,
0.2689

265.4164, 0.2727,
0.3115

 4.2900, 0.1714,
0.2531

318.1445, 0.2750,

 1.8371, 0.1367,

0.3125

0.2275

377.4307, 0.2770,
0.3135

0.5101, 0.0102,
0.1819

0.0000, 0.0000,
0.0000

65.2415, 0.2500,
0.3002

65.2415, 0.2500,
0.3002

60.3269, 0.2377,
0.2922

70.7461, 0.2636,
0.3078

55.9613, 0.2269,
0.2838

76.8634, 0.2782,
0.3150

52.1100, 0.2180,
0.2753

83.6239, 0.2933,
0.3216

48.7301, 0.2110,
0.2668

91.0537, 0.3088,
0.3276

■ 45.7700, 0.2060,
0.2583

■ 97.1332, 0.3176,
0.3331

■ 43.7752, 0.2033,
0.2520

■ 99.4977, 0.3173,
0.3366

Harmonies

Analogous

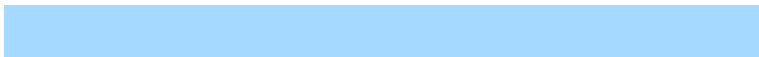
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.2415, 0.2610, 0.3304



65.2415, 0.2500, 0.3002



65.2415, 0.2546, 0.2801

Triad

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



65.2415, 0.2500, 0.3002



65.2415, 0.3385, 0.2987



65.2415, 0.3507, 0.3888

Complementary

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



65.2415, 0.2500, 0.3002



49.0068, 0.4124, 0.3553

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.



65.2415, 0.3736, 0.3760



65.2415, 0.2500, 0.3002



65.2415, 0.3668, 0.3242

Square

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



65.2415, 0.2500, 0.3002



65.2415, 0.3042, 0.2805



65.2415, 0.3798, 0.3521



65.2415, 0.3183, 0.3844

Rectangle

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



65.2415, 0.2500, 0.3002



65.2415, 0.2659, 0.2743



65.2415, 0.3798, 0.3521



65.2415, 0.3598, 0.3862

Sweetspot

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



65.2440, 0.2500, 0.3002



89.5031, 0.2926, 0.3213



74.9993, 0.2951, 0.4324



18.8021, 0.2892, 0.3198



0.0000, 0.0000, 0.0000



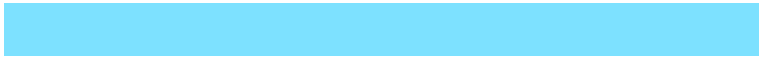
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2440, 0.2500, 0.3002



65.5637, 0.2393, 0.2933



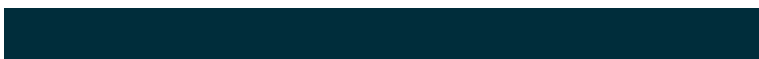
41.8723, 0.2391, 0.2347



18.0773, 0.2980, 0.3235



23.3685, 0.2037, 0.2534



2.2069, 0.2067, 0.2640

Inverse Universe

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



44.4465, 0.3391, 0.2456



41.3647, 0.3461, 0.2302



71.4972, 0.3884, 0.4076



16.6996, 0.3173, 0.3109



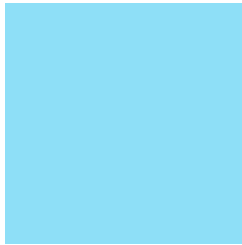
12.4584, 0.3888, 0.1916



1.1104, 0.3786, 0.1859

Previews

White Background



This preview shows how the Yxy color 65.2415, 0.2500, 0.3002 looks on a white background.

Color Contrast Check

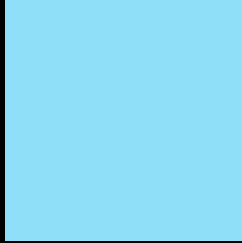
Large Text (above 18pt) WCAG AA × Fail

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 65.2415, 0.2500, 0.3002 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 65.2415, 0.2500, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 65.2415, 0.2500, 0.3002.

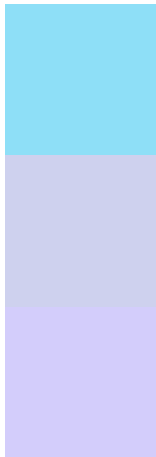


This preview shows how white text looks on a background with the Yxy color 65.2415, 0.2500, 0.3002.

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

65.2415, 0.2500, 0.3002

Protanopia

64.8958, 0.2913, 0.2968

Deuteranopia

64.4766, 0.2864, 0.2793



Tritanopia

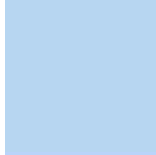
65.3848, 0.2521, 0.3072

Trichromacy



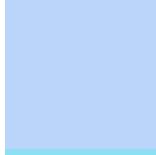
Original Color

65.2415, 0.2500, 0.3002



Protanomaly

64.5113, 0.2746, 0.2980



Deuteranomaly

64.4282, 0.2712, 0.2862



Tritanomaly

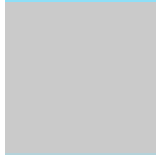
65.5057, 0.2512, 0.3049

Monochromacy



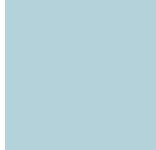
Original Color

65.2415, 0.2500, 0.3002



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

60.8584, 0.2861, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2415, 0.2500, 0.3002 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(142, 223, 247)` looks like.

```
.text, #text, p{  
    color:rgb(142, 223, 247)  
}
```

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(142, 223, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 223, 247) }
```

Border

The CSS property to change the border of an element to Yxy 65.2415, 0.2500, 0.3002 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(142, 223, 247) }
```

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

```
.border{ border-color:rgb(142, 223, 247) }
```

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

Here you see how a box with a 4 pixel rgb(142, 223, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 223, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 223, 247);  
box-shadow:4px 4px 4px 4px rgb(142, 223,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2415, 0.2500, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 223, 247) }
```

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

```
.background{ background-color: rgb(142,  
223, 247) }
```

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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