

Converting Colors

$Yxy(60.4366, 0.2523, 0.3006)$

Have a look what the booklet for
Yxy(60.4366, 0.2523, 0.3006)
contains.

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Color

Yxy(60.4366, 0.2523, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	8DD7EE
RGB	141, 215, 238
RGB Percent	55%, 84%, 93%
CMY	0.4468, 0.1569, 0.0666
CMYK	0.41, 0.10, 0.00, 0.07
HSL	194°, 74%, 74%
HSV	194°, 41%, 93%
XYZ	50.7257, 60.4366, 89.8909
YIQ	195.4960, -51.4870, -8.5350

Conversions

Conversions Part 2

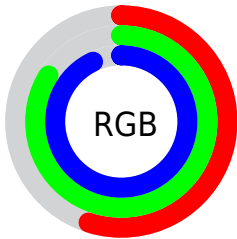
Format	Color
RYB	141, 183, 238
Decimal	9295854
CIELab	82.07, -17.17, -18.53
CIELCh	82, 25.257, 227.183
Yxy	60.4366, 0.2523, 0.3006
Android (android.graphics.Color)	4287485934 (0xFF8DD7EE)
YUV	195.4960, 20.9545, -47.7930
Hunter-Lab	77.7410, -19.5761, -14.1376

Details

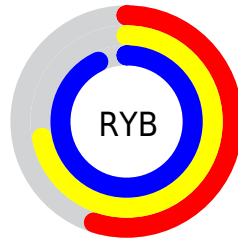
The Yxy color **60.4366, 0.2523, 0.3006** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6834, 0.4059, 0.3551**, and the grayscale version is **54.7886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **30.4503, 0.2380, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **55.7423, 0.2396, 0.2923**, and if you desaturate by 10%, it is **65.6834, 0.2662, 0.3084**.

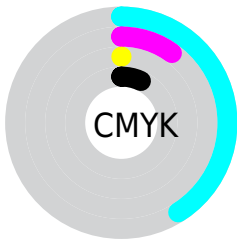
Distribution



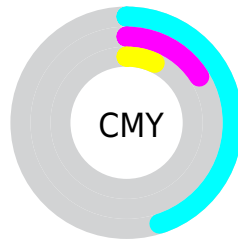
- Red (55%)
- Green (84%)
- Blue (93%)



- Red (55%)
- Yellow (72%)
- Blue (93%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)





- Cyan (45%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4366, 0.2523, 0.3006 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 60.4366, 0.2523, 0.3006 by changing the saturation by 10% instead.


 60.4366, 0.2523,
0.3006


 60.4366, 0.2523,
0.3006


426.2052, 0.2805,
0.3147

 43.7706, 0.2458,
0.2972

 105.4628, 0.2621,
0.3057

 30.4902, 0.2378,
0.2928


 134.5917, 0.2659,
0.3076

 20.2110, 0.2277,
0.2871


168.6438, 0.2692,
0.3092

 12.5485, 0.2145,
0.2793

208.0035, 0.2721,
0.3106

 7.1184, 0.1967,
0.2683

253.0551, 0.2746,
0.3118

 3.5363, 0.1715,
0.2514

304.1829, 0.2768,

 1.4177, 0.1341,

0.3129

0.2233

361.7715, 0.2787,
0.3139

0.2297, 0.0000,
0.1209

0.0000, 0.0000,
0.0000

60.4366, 0.2523,
0.3006

60.4366, 0.2523,
0.3006

55.7423, 0.2396,
0.2923

65.6834, 0.2662,
0.3084

51.5635, 0.2284,
0.2837

71.5030, 0.2809,
0.3157

47.8691, 0.2190,
0.2749

77.9231, 0.2961,
0.3225

44.6210, 0.2116,
0.2660

84.9673, 0.3116,
0.3286

■ 41.7738, 0.2061,
0.2571

■ 91.6848, 0.3236,
0.3341

■ 39.4256, 0.2025,
0.2490

■ 95.1243, 0.3231,
0.3396

■ 98.6688, 0.3227,
0.3449

■ 98.9539, 0.3226,
0.3454

Harmonies

Analogous

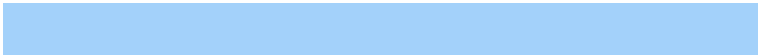
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4366, 0.2624, 0.3294



60.4366, 0.2523, 0.3006



60.4366, 0.2572, 0.2817

Triad

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



60.4366, 0.2523, 0.3006



60.4366, 0.3386, 0.3006



60.4366, 0.3483, 0.3865

Complementary

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



60.4366, 0.2523, 0.3006



46.6834, 0.4059, 0.3551

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.



60.4366, 0.3706, 0.3748



60.4366, 0.2523, 0.3006



60.4366, 0.3653, 0.3253

Square

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



60.4366, 0.2523, 0.3006



60.4366, 0.3057, 0.2828



60.4366, 0.3772, 0.3521



60.4366, 0.3171, 0.3816

Rectangle

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



60.4366, 0.2523, 0.3006



60.4366, 0.2685, 0.2762



60.4366, 0.3772, 0.3521



60.4366, 0.3571, 0.3843

Sweetspot

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



60.4389, 0.2523, 0.3006



90.1029, 0.2941, 0.3216



69.4940, 0.2949, 0.4248



19.0689, 0.2921, 0.3208



0.0000, 0.0000, 0.0000



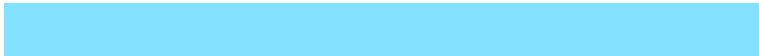
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4389, 0.2523, 0.3006



65.9999, 0.2415, 0.2936



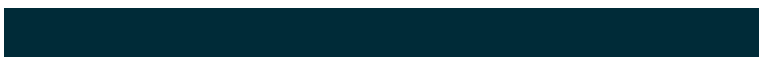
39.4469, 0.2423, 0.2375



17.2557, 0.2981, 0.3233



22.2020, 0.2029, 0.2504



1.9983, 0.2061, 0.2620

Inverse Universe

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



42.1521, 0.3384, 0.2500



42.6930, 0.3455, 0.2346



67.2710, 0.3840, 0.4058



15.9635, 0.3174, 0.3112



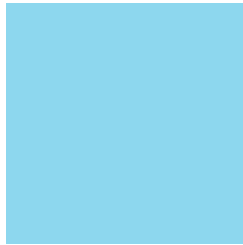
12.0347, 0.3918, 0.1932



1.0164, 0.3805, 0.1870

Previews

White Background



This preview shows how the Yxy color 60.4366, 0.2523, 0.3006 looks on a white background.

Color Contrast Check

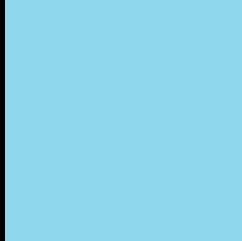
Large Text (above 18pt) WCAG AA × Fail

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 60.4366, 0.2523, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

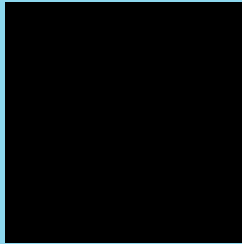
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4366, 0.2523, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 60.4366, 0.2523, 0.3006.

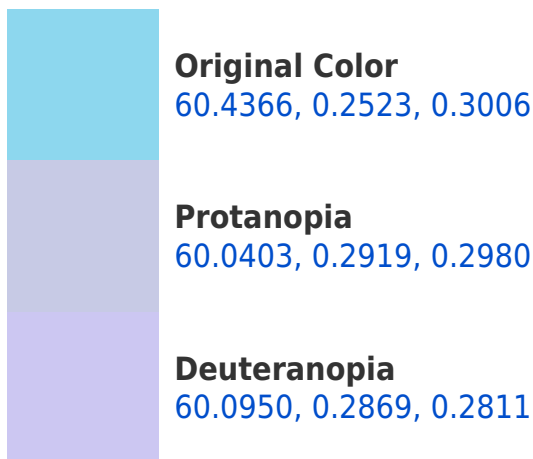


This preview shows how white text looks on a background with the Yxy color 60.4366, 0.2523, 0.3006.

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





Tritanopia

60.5704, 0.2545, 0.3078

Trichromacy



Original Color

60.4366, 0.2523, 0.3006

Protanomaly

59.9168, 0.2760, 0.2994

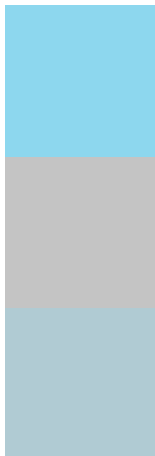
Deuteranomaly

59.8373, 0.2724, 0.2872

Tritanomaly

60.6853, 0.2535, 0.3054

Monochromacy



Original Color

60.4366, 0.2523, 0.3006

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.6451, 0.2874, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4366, 0.2523, 0.3006 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(141, 215, 238)` looks like.

```
.text, #text, p{  
    color:rgb(141, 215, 238)  
}
```

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(141, 215, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 215, 238) }
```

Border

The CSS property to change the border of an element to Yxy 60.4366, 0.2523, 0.3006 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(141, 215, 238) }
```

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

```
.border{ border-color:rgb(141, 215, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 215, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 215, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 215, 238);  
box-shadow:4px 4px 4px 4px rgb(141, 215,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4366, 0.2523, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 215, 238) }
```

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

```
.background{ background-color: rgb(141,  
215, 238) }
```

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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