

Converting Colors

$Y_{xy}(60.3993, 0.2572, 0.3103)$

Have a look what the booklet for
Yxy(60.3993, 0.2572, 0.3103)
contains.

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Color

Yxy(60.1537, 0.2574, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	8FD7E6
RGB	143, 215, 230
RGB Percent	56%, 84%, 90%
CMY	0.4391, 0.1569, 0.0980
CMYK	0.38, 0.07, 0.00, 0.10
HSL	190°, 64%, 73%
HSV	190°, 38%, 90%
XYZ	49.9148, 60.1537, 83.8506
YIQ	195.1820, -47.7270, -10.5990

Conversions

Conversions Part 2

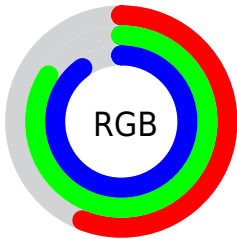
Format	Color
RYB	143, 182, 230
Decimal	9426918
CIELab	81.92, -18.68, -14.49
CIElCh	82, 23.640, 217.804
Yxy	60.1537, 0.2574, 0.3102
Android (android.graphics.Color)	4287616998 (0xFF8FD7E6)
YUV	195.1820, 17.1653, -45.7636
Hunter-Lab	77.5588, -20.8501, -9.8086

Details

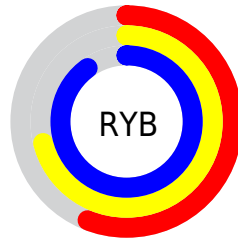
The Yxy color **60.1537, 0.2574, 0.3102** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2749, 0.3992, 0.3467**, and the grayscale version is **54.6087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **30.2723, 0.2445, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **56.3118, 0.2451, 0.3044**, and if you desaturate by 10%, it is **64.4703, 0.2710, 0.3157**.

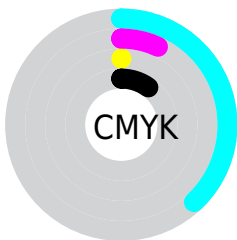
Distribution



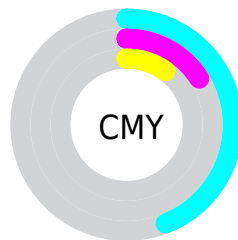
- Red (56%)
- Green (84%)
- Blue (90%)



- Red (56%)
- Yellow (71%)
- Blue (90%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)





- Cyan (44%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1537, 0.2574, 0.3102 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 60.1537, 0.2574, 0.3102 by changing the saturation by 10% instead.


 60.1537, 0.2574,
0.3102


 60.1537, 0.2574,
0.3102


425.1641, 0.2833,
0.3197

 43.5425, 0.2514,
0.3078


 105.0526, 0.2665,
0.3137

 30.3110, 0.2440,
0.3048


 134.1091, 0.2700,
0.3150

 20.0748, 0.2346,
0.3008


168.0829, 0.2730,
0.3161

 12.4494, 0.2222,
0.2952

207.3583, 0.2756,
0.3170

 7.0505, 0.2053,
0.2871

252.3197, 0.2779,
0.3178

 3.4937, 0.1812,
0.2743

303.3515, 0.2799,

 1.3946, 0.1442,

0.3185

0.2519

360.8382, 0.2817,
0.3192

0.2127, 0.0000,
0.1432

0.0000, 0.0000,
0.0000

60.1537, 0.2574,
0.3102

60.1537, 0.2574,
0.3102

56.3118, 0.2451,
0.3044

64.4703, 0.2710,
0.3157

52.9111, 0.2342,
0.2983

69.2784, 0.2855,
0.3209

49.9251, 0.2252,
0.2921

74.6028, 0.3006,
0.3256

47.3206, 0.2181,
0.2859

80.4641, 0.3161,
0.3299

■ 45.0590, 0.2129,
0.2796

■ 86.3030, 0.3295,
0.3338

■ 43.0871, 0.2096,
0.2735

■ 88.5996, 0.3291,
0.3377

■ 42.6778, 0.2089,
0.2721

■ 90.9472, 0.3287,
0.3416

■ 93.3462, 0.3282,
0.3454

■ 95.7968, 0.3278,
0.3492

Harmonies

Analogous

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



60.1537, 0.2712, 0.3386



60.1537, 0.2574, 0.3102



60.1537, 0.2576, 0.2889

Triad

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



60.1537, 0.2574, 0.3102



60.1537, 0.3275, 0.2961



60.1537, 0.3539, 0.3810

Complementary

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



60.1537, 0.2574, 0.3102



43.2749, 0.3992, 0.3467

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.



60.1537, 0.3707, 0.3663



60.1537, 0.2574, 0.3102



60.1537, 0.3553, 0.3179

Square

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



60.1537, 0.2574, 0.3102



60.1537, 0.2968, 0.2822



60.1537, 0.3714, 0.3432



60.1537, 0.3264, 0.3814

Rectangle

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



60.1537, 0.2574, 0.3102



60.1537, 0.2655, 0.2811



60.1537, 0.3714, 0.3432



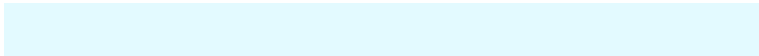
60.1537, 0.3611, 0.3775

Sweetspot

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



60.1561, 0.2574, 0.3102



92.0129, 0.2957, 0.3241



64.8941, 0.2993, 0.4244



19.4961, 0.2936, 0.3235



0.0000, 0.0000, 0.0000



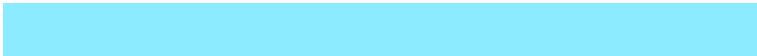
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1561, 0.2574, 0.3102



72.3463, 0.2481, 0.3059



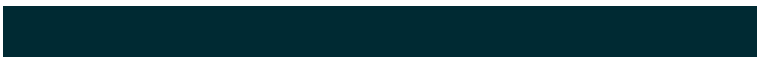
41.0681, 0.2490, 0.2533



15.8908, 0.2981, 0.3248



24.3184, 0.2092, 0.2731



1.9090, 0.2117, 0.2821

Inverse Universe

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



41.3832, 0.3307, 0.2500



46.0988, 0.3352, 0.2352



60.5895, 0.3806, 0.3942



14.5703, 0.3164, 0.3098



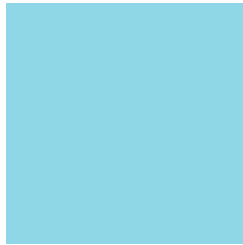
11.6527, 0.3699, 0.1811



0.8724, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 60.1537, 0.2574, 0.3102 looks on a white background.

Color Contrast Check

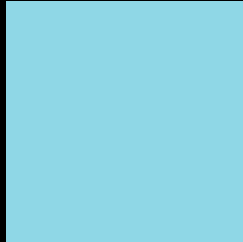
Large Text (above 18pt) WCAG AA × Fail

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 60.1537, 0.2574, 0.3102 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 60.1537, 0.2574, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 60.1537, 0.2574, 0.3102.

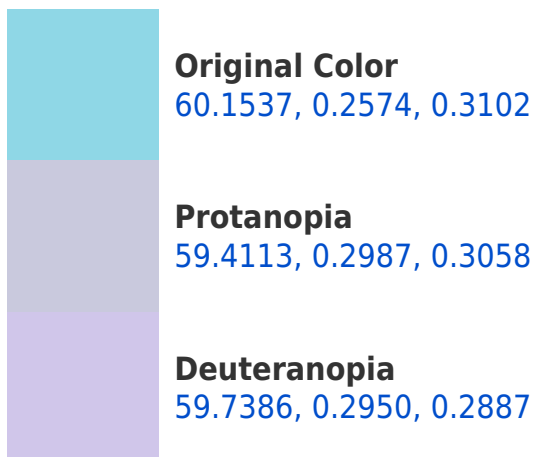


This preview shows how white text looks on a background with the Yxy color 60.1537, 0.2574, 0.3102.

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

60.3564, 0.2569, 0.3078

Trichromacy



Original Color

60.1537, 0.2574, 0.3102

Protanomaly

59.2277, 0.2821, 0.3074

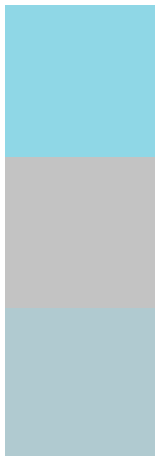
Deuteranomaly

59.2593, 0.2791, 0.2950

Tritanomaly

60.2997, 0.2574, 0.3090

Monochromacy



Original Color

60.1537, 0.2574, 0.3102

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.0252, 0.2893, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1537, 0.2574, 0.3102 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(143, 215, 230)` looks like.

```
.text, #text, p{  
    color:rgb(143, 215, 230)  
}
```

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(143, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 215, 230) }
```

Border

The CSS property to change the border of an element to Yxy 60.1537, 0.2574, 0.3102 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(143, 215, 230) }
```

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

```
.border{ border-color:rgb(143, 215, 230) }
```

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

Here you see how a box with a 4 pixel rgb(143, 215, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 215, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 215, 230);  
box-shadow:4px 4px 4px 4px rgb(143, 215,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1537, 0.2574, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 215, 230) }
```

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

```
.background{ background-color: rgb(143,  
215, 230) }
```

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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