

Converting Colors

$Y_{xy}(58.9197, 0.2522, 0.3005)$

Have a look what the booklet for
Yxy(58.9197, 0.2522, 0.3005)
contains.

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Color

Yxy(59.0756, 0.2523, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	8BD5EB
RGB	139, 213, 235
RGB Percent	55%, 84%, 92%
CMY	0.4551, 0.1647, 0.0783
CMYK	0.41, 0.09, 0.00, 0.08
HSL	194°, 71%, 73%
HSV	194°, 41%, 92%
XYZ	49.4354, 59.0756, 87.4280
YIQ	193.3820, -51.1660, -8.8460

Conversions

Conversions Part 2

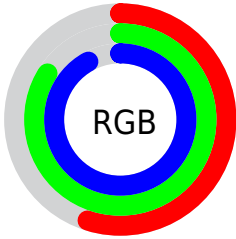
Format	Color
RYB	139, 181, 235
Decimal	9164267
CIELab	81.33, -17.44, -18.08
CIELCh	81, 25.116, 226.031
Yxy	59.0756, 0.2523, 0.3015
Android (android.graphics.Color)	4287354347 (0xFF8BD5EB)
YUV	193.3820, 20.5177, -47.6930
Hunter-Lab	76.8607, -19.6981, -13.6391

Details

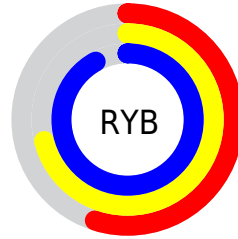
The Yxy color **59.0756, 0.2523, 0.3015** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.0177, 0.4067, 0.3543**, and the grayscale version is **53.4603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **29.5474, 0.2380, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **54.6014, 0.2397, 0.2935**, and if you desaturate by 10%, it is **64.0794, 0.2661, 0.3091**.

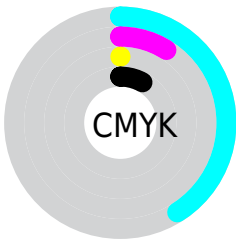
Distribution



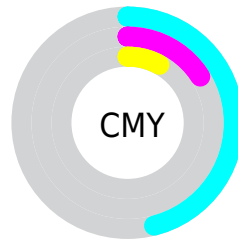
- Red (55%)
- Green (84%)
- Blue (92%)



- Red (55%)
- Yellow (71%)
- Blue (92%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)





- Cyan (46%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0756, 0.2523, 0.3015 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 59.0756, 0.2523, 0.3015 by changing the saturation by 10% instead.


 59.0756, 0.2523,
0.3015


 59.0756, 0.2523,
0.3015


421.1820, 0.2806,
0.3152

 42.6740, 0.2458,
0.2981


 103.4875, 0.2622,
0.3065

 29.6294, 0.2377,
0.2938


 132.2666, 0.2660,
0.3083

 19.5575, 0.2274,
0.2882


165.9404, 0.2693,
0.3099

 12.0738, 0.2141,
0.2805

204.8931, 0.2722,
0.3113

 6.7939, 0.1959,
0.2694

249.5092, 0.2747,
0.3125

 3.3336, 0.1701,
0.2524

300.1732, 0.2769,

 1.3083, 0.1311,

0.3135

0.2237

357.2693, 0.2789,
0.3144

■ 0.1476, 0.0000,
0.0895

■ 0.0000, 0.0000,
0.0000

■ 59.0756, 0.2523,
0.3015

■ 59.0756, 0.2523,
0.3015

■ 54.6014, 0.2397,
0.2935

■ 64.0794, 0.2661,
0.3091

■ 50.6209, 0.2287,
0.2852

■ 69.6324, 0.2807,
0.3161

■ 47.1040, 0.2194,
0.2767

■ 75.7613, 0.2959,
0.3226

■ 44.0139, 0.2121,
0.2682

■ 82.4891, 0.3113,
0.3285

■ 41.3066, 0.2068,
0.2597

■ 89.5570, 0.3258,
0.3338

■ 39.1067, 0.2033,
0.2520

■ 92.7773, 0.3253,
0.3391

■ 96.0927, 0.3248,
0.3442

■ 98.7808, 0.3244,
0.3483

Harmonies

Analogous

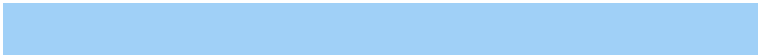
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.0756, 0.2630, 0.3306



59.0756, 0.2523, 0.3015



59.0756, 0.2566, 0.2821

Triad

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



59.0756, 0.2523, 0.3015



59.0756, 0.3374, 0.2997



59.0756, 0.3494, 0.3865

Complementary

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



59.0756, 0.2523, 0.3015



45.0177, 0.4067, 0.3543

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.



59.0756, 0.3713, 0.3742



59.0756, 0.2523, 0.3015



59.0756, 0.3646, 0.3243

Square

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



59.0756, 0.2523, 0.3015



59.0756, 0.3044, 0.2822



59.0756, 0.3772, 0.3512



59.0756, 0.3183, 0.3822

Rectangle

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



59.0756, 0.2523, 0.3015



59.0756, 0.2676, 0.2763



59.0756, 0.3772, 0.3512



59.0756, 0.3581, 0.3840

Sweetspot

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



59.0779, 0.2523, 0.3015



90.2553, 0.2941, 0.3219



67.4574, 0.2957, 0.4273



19.1049, 0.2921, 0.3210



0.0000, 0.0000, 0.0000



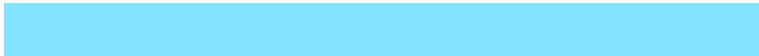
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0779, 0.2523, 0.3015



66.5505, 0.2417, 0.2949



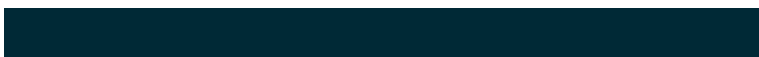
38.8221, 0.2424, 0.2394



16.5020, 0.2981, 0.3235



21.9573, 0.2037, 0.2534



1.8667, 0.2070, 0.2651

Inverse Universe

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



40.9250, 0.3377, 0.2490



42.7485, 0.3445, 0.2337



64.5557, 0.3849, 0.4044



15.2512, 0.3173, 0.3110



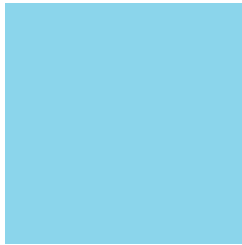
11.7094, 0.3889, 0.1916



0.9339, 0.3775, 0.1853

Previews

White Background



This preview shows how the Yxy color 59.0756, 0.2523, 0.3015 looks on a white background.

Color Contrast Check

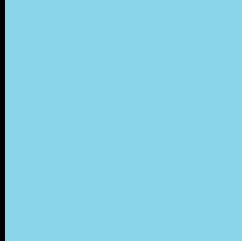
Large Text (above 18pt) WCAG AA × Fail

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 59.0756, 0.2523, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

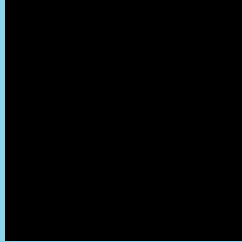
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0756, 0.2523, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 59.0756, 0.2523, 0.3015.



This preview shows how white text looks on a background with the Yxy color 59.0756, 0.2523, 0.3015.

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

59.0756, 0.2523, 0.3015

Protanopia

58.6699, 0.2924, 0.2988

Deuteranopia

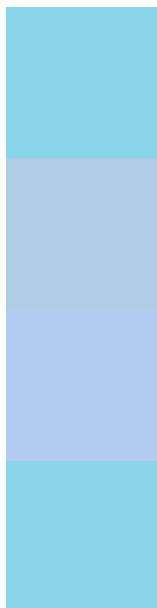
58.7211, 0.2874, 0.2817



Tritanopia

59.2659, 0.2541, 0.3076

Trichromacy



Original Color

59.0756, 0.2523, 0.3015

Protanomaly

58.5499, 0.2763, 0.3002

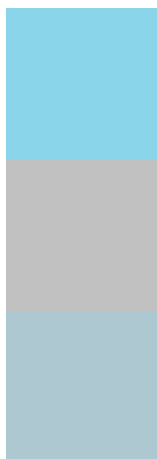
Deuteranomaly

58.4686, 0.2727, 0.2879

Tritanomaly

59.3226, 0.2536, 0.3064

Monochromacy



Original Color

59.0756, 0.2523, 0.3015

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.7469, 0.2870, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0756, 0.2523, 0.3015 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(139, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(139, 213, 235)  
}
```

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(139, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 213, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.0756, 0.2523, 0.3015 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(139, 213, 235) }
```

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

```
.border{ border-color:rgb(139, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(139, 213,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0756, 0.2523, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 213, 235) }
```

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

```
.background{ background-color: rgb(139,  
213, 235) }
```

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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