

Converting Colors

$Y_{xy}(59.3978, 0.2527, 0.3020)$

Have a look what the booklet for
Yxy(59.3978, 0.2527, 0.3020)
contains.

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Color

Yxy(59.6667, 0.2531, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	8CD6EB
RGB	140, 214, 235
RGB Percent	55%, 84%, 92%
CMY	0.4509, 0.1608, 0.0786
CMYK	0.40, 0.09, 0.00, 0.08
HSL	193°, 70%, 74%
HSV	193°, 40%, 92%
XYZ	49.8569, 59.6667, 87.4613
YIQ	194.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

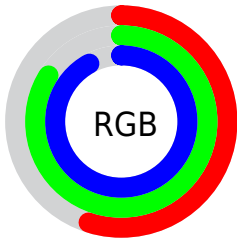
Format	Color
RYB	140, 182, 235
Decimal	9230059
CIELab	81.66, -17.69, -17.54
CIELCh	82, 24.914, 224.755
Yxy	59.6667, 0.2531, 0.3029
Android (android.graphics.Color)	4287420139 (0xFF8CD6EB)
YUV	194.2680, 20.0809, -47.5930
Hunter-Lab	77.2442, -19.9656, -13.0613

Details

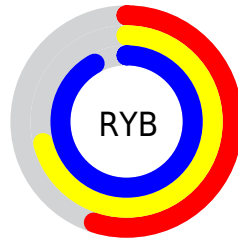
The Yxy color **59.6667, 0.2531, 0.3029** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.0402, 0.4055, 0.3531**, and the grayscale version is **54.0213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **29.9358, 0.2389, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **55.2556, 0.2406, 0.2953**, and if you desaturate by 10%, it is **64.6019, 0.2669, 0.3101**.

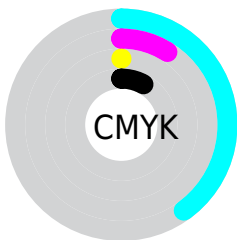
Distribution



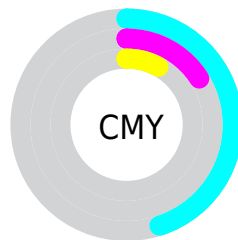
- Red (55%)
- Green (84%)
- Blue (92%)



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



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6667, 0.2531, 0.3029 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 59.6667, 0.2531, 0.3029 by changing the saturation by 10% instead.

 59.6667, 0.2531,
0.3029

 59.6667, 0.2531,
0.3029


423.3681, 0.2810,
0.3159

 43.1500, 0.2467,
0.2997

 104.3460, 0.2628,
0.3076

 30.0029, 0.2387,
0.2956


 133.2775, 0.2666,
0.3094

 19.8408, 0.2286,
0.2902


167.1160, 0.2698,
0.3109

 12.2793, 0.2155,
0.2829

206.2459, 0.2727,
0.3122

 6.9342, 0.1976,
0.2724

251.0517, 0.2751,
0.3133

 3.4210, 0.1722,
0.2562

301.9178, 0.2773,

 1.3553, 0.1341,

0.3143

0.2287

359.2284, 0.2793,
0.3152

0.1834, 0.0000,
0.1087

0.0000, 0.0000,
0.0000

59.6667, 0.2531,
0.3029

59.6667, 0.2531,
0.3029

55.2556, 0.2406,
0.2953

64.6019, 0.2669,
0.3101

51.3329, 0.2295,
0.2873

70.0806, 0.2815,
0.3169

47.8690, 0.2203,
0.2792

76.1293, 0.2967,
0.3231

44.8272, 0.2130,
0.2710

82.7707, 0.3121,
0.3288

■ 42.1641, 0.2077,
0.2628

■ 89.5458, 0.3258,
0.3339

■ 39.8954, 0.2042,
0.2550

■ 92.6440, 0.3253,
0.3389

■ 95.8303, 0.3248,
0.3439

■ 98.7763, 0.3244,
0.3483

Harmonies

Analogous

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



59.6667, 0.2643, 0.3319



59.6667, 0.2531, 0.3029



59.6667, 0.2568, 0.2832

Triad

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



59.6667, 0.2531, 0.3029



59.6667, 0.3358, 0.2991



59.6667, 0.3502, 0.3856

Complementary

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



59.6667, 0.2531, 0.3029



45.0402, 0.4055, 0.3531

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.



59.6667, 0.3713, 0.3729



59.6667, 0.2531, 0.3029



59.6667, 0.3631, 0.3233

Square

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



59.6667, 0.2531, 0.3029



59.6667, 0.3032, 0.2822



59.6667, 0.3763, 0.3499



59.6667, 0.3197, 0.3821

Rectangle

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



59.6667, 0.2531, 0.3029



59.6667, 0.2672, 0.2770



59.6667, 0.3763, 0.3499



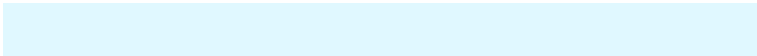
59.6667, 0.3587, 0.3830

Sweetspot

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



59.6690, 0.2531, 0.3029



90.4152, 0.2941, 0.3221



67.5359, 0.2959, 0.4260



19.1427, 0.2921, 0.3213



0.0000, 0.0000, 0.0000



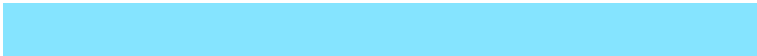
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6690, 0.2531, 0.3029



67.6439, 0.2432, 0.2970



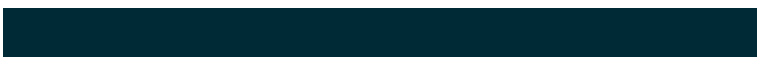
39.1867, 0.2433, 0.2406



16.5246, 0.2981, 0.3237



22.4077, 0.2045, 0.2563



1.8985, 0.2077, 0.2676

Inverse Universe

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



41.2776, 0.3366, 0.2491



43.5255, 0.3427, 0.2346



64.6969, 0.3840, 0.4035



15.2535, 0.3172, 0.3108



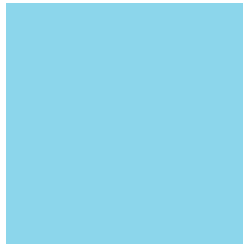
11.7549, 0.3860, 0.1900



0.9371, 0.3751, 0.1840

Previews

White Background



This preview shows how the Yxy color 59.6667, 0.2531, 0.3029 looks on a white background.

Color Contrast Check

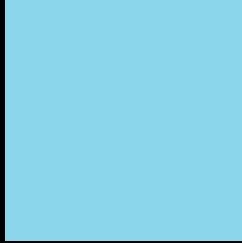
Large Text (above 18pt) WCAG AA × Fail

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 59.6667, 0.2531, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

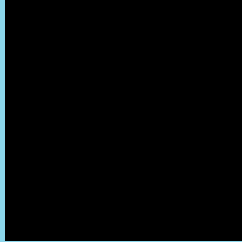
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6667, 0.2531, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 59.6667, 0.2531, 0.3029.



This preview shows how white text looks on a background with the Yxy color 59.6667, 0.2531, 0.3029.

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

59.6667, 0.2531, 0.3029

Protanopia

59.2700, 0.2932, 0.3001

Deuteranopia

59.0019, 0.2888, 0.2819



Tritanopia

59.9160, 0.2543, 0.3077

Trichromacy



Original Color

59.6667, 0.2531, 0.3029

Protanomaly

59.1469, 0.2770, 0.3015

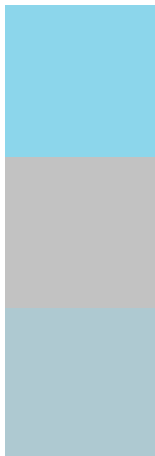
Deuteranomaly

58.7087, 0.2740, 0.2880

Tritanomaly

59.9730, 0.2538, 0.3065

Monochromacy



Original Color

59.6667, 0.2531, 0.3029

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.3754, 0.2871, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6667, 0.2531, 0.3029 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(140, 214, 235)` looks like.

```
.text, #text, p{  
    color:rgb(140, 214, 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(140, 214, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 214, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.6667, 0.2531, 0.3029 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(140, 214, 235) }
```

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

```
.border{ border-color:rgb(140, 214, 235) }
```

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

Here you see how a box with a 4 pixel rgb(140, 214, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 214, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 214, 235);  
box-shadow:4px 4px 4px 4px rgb(140, 214,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6667, 0.2531, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 214, 235) }
```

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

```
.background{ background-color: rgb(140,  
214, 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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