

Converting Colors

$Yxy(61.5794, 0.2530, 0.3074)$

Have a look what the booklet for
Yxy(61.5794, 0.2530, 0.3074)
contains.

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Color

Yxy(61.6299, 0.2534, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	8BDAEB
RGB	139, 218, 235
RGB Percent	55%, 85%, 92%
CMY	0.4546, 0.1451, 0.0785
CMYK	0.41, 0.07, 0.00, 0.08
HSL	191°, 71%, 73%
HSV	191°, 41%, 92%
XYZ	50.7211, 61.6299, 87.8111
YIQ	196.3170, -52.5410, -11.4610

Conversions

Conversions Part 2

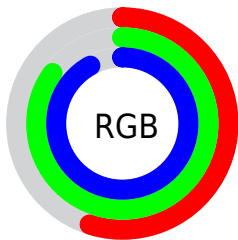
Format	Color
RYB	139, 182, 235
Decimal	9165547
CIELab	82.72, -19.94, -15.96
CIELCh	83, 25.544, 218.675
Yxy	61.6299, 0.2534, 0.3079
Android (android.graphics.Color)	4287355627 (0xFF8BDAEB)
YUV	196.3170, 19.0707, -50.2670
Hunter-Lab	78.5047, -22.0563, -11.3653

Details

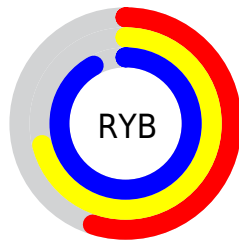
The Yxy color **61.6299, 0.2534, 0.3079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3256, 0.4089, 0.3486**, and the grayscale version is **55.3188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **31.2429, 0.2392, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **57.6885, 0.2414, 0.3018**, and if you desaturate by 10%, it is **66.0651, 0.2667, 0.3137**.

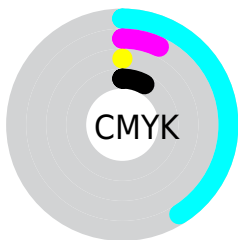
Distribution



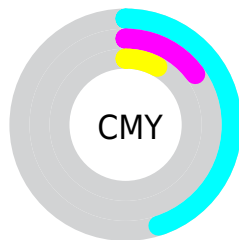
- Red (55%)
- Green (85%)
- Blue (92%)



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



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6299, 0.2534, 0.3079 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 61.6299, 0.2534, 0.3079 by changing the saturation by 10% instead.

61.6299, 0.2534,
0.3079

61.6299, 0.2534,
0.3079

430.5798, 0.2810,
0.3185

44.7337, 0.2471,
0.3053

107.1905, 0.2630,
0.3118

31.2477, 0.2393,
0.3019

136.6236, 0.2667,
0.3132

20.7876, 0.2294,
0.2974

171.0046, 0.2700,
0.3144

12.9688, 0.2165,
0.2913

210.7177, 0.2727,
0.3155

7.4071, 0.1991,
0.2825

256.1474, 0.2752,
0.3164

3.7180, 0.1744,
0.2688

307.6780, 0.2774,

1.5171, 0.1376,

0.3172

365.6940, 0.2793,
0.3179

0.2452

0.3007, 0.0000,
0.1645

0.0000, 0.0000,
0.0000

61.6299, 0.2534,
0.3079

61.6299, 0.2534,
0.3079

57.6885, 0.2414,
0.3018

66.0651, 0.2667,
0.3137

54.2053, 0.2311,
0.2956


71.0130, 0.2810,
0.3191


51.1508, 0.2225,
0.2891


76.4999, 0.2960,
0.3241


48.4887, 0.2160,
0.2827

82.5482, 0.3114,
0.3286

 46.1755, 0.2113,
0.2763

 88.8811, 0.3259,
0.3328

 44.2935, 0.2085,
0.2705

 91.3448, 0.3255,
0.3368

 93.8650, 0.3251,
0.3408

 96.4421, 0.3247,
0.3448

 98.7776, 0.3244,
0.3483

Harmonies

Analogous

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



61.6299, 0.2677, 0.3383



61.6299, 0.2534, 0.3079



61.6299, 0.2540, 0.2856

Triad

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



61.6299, 0.2534, 0.3079



61.6299, 0.3295, 0.2945



61.6299, 0.3561, 0.3850

Complementary

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



61.6299, 0.2534, 0.3079



43.3256, 0.4089, 0.3486

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.



61.6299, 0.3746, 0.3694



61.6299, 0.2534, 0.3079



61.6299, 0.3591, 0.3178

Square

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



61.6299, 0.2534, 0.3079



61.6299, 0.2965, 0.2794



61.6299, 0.3759, 0.3447



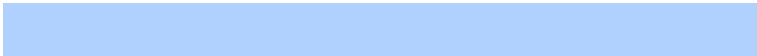
61.6299, 0.3264, 0.3851

Rectangle

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



61.6299, 0.2534, 0.3079



61.6299, 0.2627, 0.2776



61.6299, 0.3759, 0.3447



61.6299, 0.3639, 0.3812

Sweetspot

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



61.6323, 0.2534, 0.3079



91.2405, 0.2942, 0.3235



67.2744, 0.2983, 0.4336



19.3379, 0.2922, 0.3228



0.0000, 0.0000, 0.0000



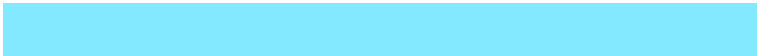
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6323, 0.2534, 0.3079



70.1685, 0.2432, 0.3028



40.6347, 0.2435, 0.2460



16.6414, 0.2981, 0.3247



24.8237, 0.2088, 0.2715



2.0681, 0.2112, 0.2803

Inverse Universe

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



41.2076, 0.3329, 0.2443



43.1138, 0.3382, 0.2282



62.2463, 0.3869, 0.3995



15.2653, 0.3165, 0.3098



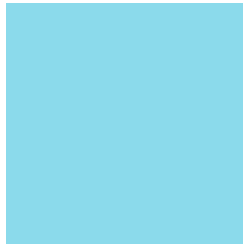
11.9988, 0.3714, 0.1820



0.9542, 0.3632, 0.1774

Previews

White Background



This preview shows how the Yxy color 61.6299, 0.2534, 0.3079 looks on a white background.

Color Contrast Check

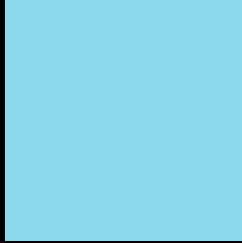
Large Text (above 18pt) WCAG AA × Fail

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 61.6299, 0.2534, 0.3079 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 61.6299, 0.2534, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 61.6299, 0.2534, 0.3079.

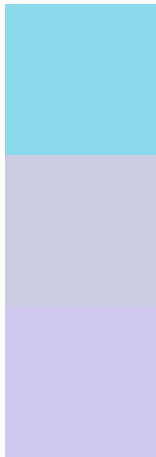


This preview shows how white text looks on a background with the Yxy color 61.6299, 0.2534, 0.3079.

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

61.6299, 0.2534, 0.3079

Protanopia

61.2333, 0.2961, 0.3038

Deuteranopia

61.0959, 0.2925, 0.2858



Tritanopia

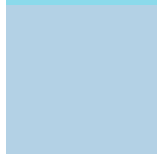
61.6299, 0.2534, 0.3079

Trichromacy



Original Color

61.6299, 0.2534, 0.3079



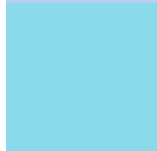
Protanomaly

60.8418, 0.2786, 0.3052



Deuteranomaly

60.9890, 0.2763, 0.2930



Tritanomaly

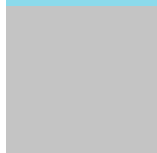
61.6299, 0.2534, 0.3079

Monochromacy



Original Color

61.6299, 0.2534, 0.3079



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

56.9528, 0.2874, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6299, 0.2534, 0.3079 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, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(139, 218, 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, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 218, 235) }
```

Border

The CSS property to change the border of an element to Yxy 61.6299, 0.2534, 0.3079 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, 218, 235) }
```

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

```
.border{ border-color:rgb(139, 218, 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, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(139, 218,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6299, 0.2534, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 218, 235) }
```

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

```
.background{ background-color: rgb(139,  
218, 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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