

Converting Colors

$Yxy(61.7358, 0.2531, 0.3060)$

Have a look what the booklet for
Yxy(61.7358, 0.2531, 0.3060)
contains.

Yxy(61.7744, 0.2534, 0.3067)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.7744, 0.2534, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	8CDAEC
RGB	140, 218, 236
RGB Percent	55%, 85%, 93%
CMY	0.4506, 0.1451, 0.0744
CMYK	0.41, 0.08, 0.00, 0.07
HSL	191°, 72%, 74%
HSV	191°, 41%, 93%
XYZ	51.0389, 61.7744, 88.6031
YIQ	196.7300, -52.2660, -10.9380

Conversions

Conversions Part 2

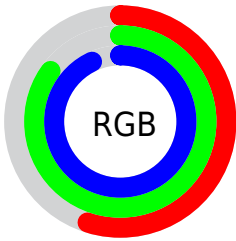
Format	Color
RYB	140, 183, 236
Decimal	9231084
CIELab	82.79, -19.43, -16.39
CIELCh	83, 25.418, 220.146
Yxy	61.7744, 0.2534, 0.3067
Android (android.graphics.Color)	4287421164 (0xFF8CDAEC)
YUV	196.7300, 19.3601, -49.7522
Hunter-Lab	78.5967, -21.6304, -11.8207

Details

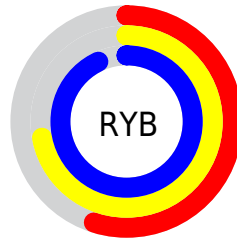
The Yxy color **61.7744, 0.2534, 0.3067** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2245, 0.4079, 0.3497**, and the grayscale version is **55.5807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **31.3287, 0.2391, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **57.6704, 0.2413, 0.3003**, and if you desaturate by 10%, it is **66.3845, 0.2668, 0.3128**.

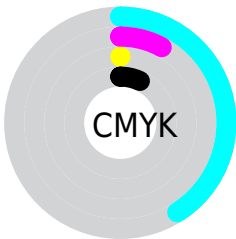
Distribution



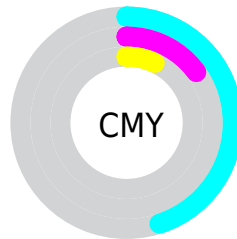
- Red (55%)
- Green (85%)
- Blue (93%)



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



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



- Cyan (45%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7744, 0.2534, 0.3067 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 61.7744, 0.2534, 0.3067 by changing the saturation by 10% instead.

61.7744, 0.2534,
0.3067

61.7744, 0.2534,
0.3067

431.1077, 0.2810,
0.3179

44.8504, 0.2471,
0.3039

107.3994, 0.2630,
0.3108

31.3396, 0.2393,
0.3004

136.8692, 0.2667,
0.3123

20.8576, 0.2294,
0.2958

171.2898, 0.2699,
0.3136

13.0200, 0.2165,
0.2894

211.0455, 0.2727,
0.3147

7.4423, 0.1992,
0.2803

256.5208, 0.2752,
0.3156

3.7402, 0.1746,
0.2661

308.1000, 0.2774,

1.5293, 0.1380,

0.3165

0.2420

366.1675, 0.2793,
0.3172

■ 0.3092, 0.0000,
0.1636

■ 0.0000, 0.0000,
0.0000

■ 61.7744, 0.2534,
0.3067

■ 61.7744, 0.2534,
0.3067

■ 57.6704, 0.2413,
0.3003

■ 66.3845, 0.2668,
0.3128

■ 54.0366, 0.2307,
0.2936

■ 71.5198, 0.2812,
0.3186


■ 50.8431, 0.2220,
0.2867


■ 77.2071, 0.2963,
0.3239


■ 48.0531, 0.2153,
0.2798

■ 83.4691, 0.3117,
0.3287

 45.6229, 0.2105,
0.2730

 89.7355, 0.3251,
0.3331

 43.6080, 0.2074,
0.2667

 92.3816, 0.3247,
0.3374

 95.0920, 0.3243,
0.3417

 97.8672, 0.3239,
0.3459

 98.8372, 0.3238,
0.3473

Harmonies

Analogous

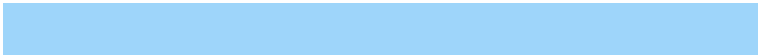
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.7744, 0.2669, 0.3368



61.7744, 0.2534, 0.3067



61.7744, 0.2548, 0.2850

Triad

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



61.7744, 0.2534, 0.3067



61.7744, 0.3310, 0.2956



61.7744, 0.3546, 0.3851

Complementary

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



61.7744, 0.2534, 0.3067



44.2245, 0.4079, 0.3497

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.



61.7744, 0.3737, 0.3702



61.7744, 0.2534, 0.3067



61.7744, 0.3600, 0.3192

Square

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



61.7744, 0.2534, 0.3067



61.7744, 0.2982, 0.2801



61.7744, 0.3759, 0.3460



61.7744, 0.3247, 0.3843

Rectangle

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



61.7744, 0.2534, 0.3067



61.7744, 0.2639, 0.2775



61.7744, 0.3759, 0.3460



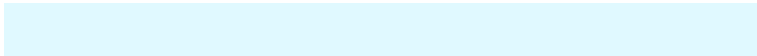
61.7744, 0.3625, 0.3816

Sweetspot

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



61.7768, 0.2534, 0.3067



91.0368, 0.2942, 0.3232



68.0414, 0.2975, 0.4310



19.2897, 0.2922, 0.3225



0.0000, 0.0000, 0.0000



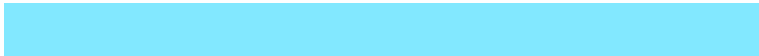
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7768, 0.2534, 0.3067



69.4116, 0.2429, 0.3012



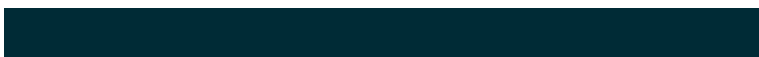
40.5635, 0.2435, 0.2443



16.6126, 0.2981, 0.3245



24.2132, 0.2077, 0.2678



2.0254, 0.2103, 0.2772

Inverse Universe

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



41.6781, 0.3338, 0.2456



43.0374, 0.3395, 0.2293



63.7009, 0.3858, 0.4008



15.2624, 0.3167, 0.3101



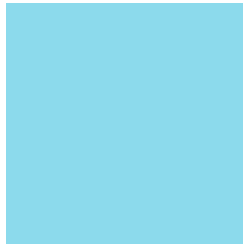
11.9371, 0.3749, 0.1839



0.9499, 0.3661, 0.1790

Previews

White Background



This preview shows how the Yxy color 61.7744, 0.2534, 0.3067 looks on a white background.

Color Contrast Check

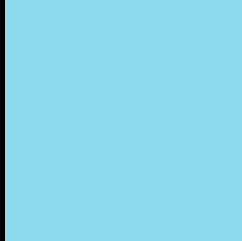
Large Text (above 18pt) WCAG AA × Fail

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 61.7744, 0.2534, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

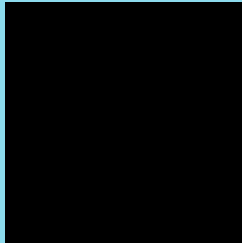
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7744, 0.2534, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 61.7744, 0.2534, 0.3067.

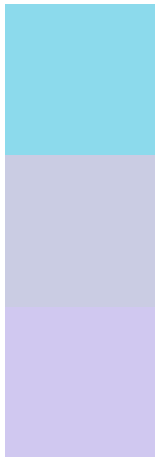


This preview shows how white text looks on a background with the Yxy color 61.7744, 0.2534, 0.3067.

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

61.7744, 0.2534, 0.3067

Protanopia

61.2883, 0.2955, 0.3027

Deuteranopia

61.0097, 0.2911, 0.2847



Tritanopia

61.7744, 0.2534, 0.3067

Trichromacy



Original Color

61.7744, 0.2534, 0.3067

Protanomaly

60.8978, 0.2780, 0.3041

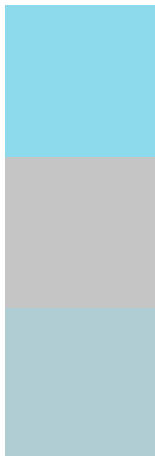
Deuteranomaly

60.9249, 0.2751, 0.2919

Tritanomaly

61.7744, 0.2534, 0.3067

Monochromacy



Original Color

61.7744, 0.2534, 0.3067

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.5959, 0.2875, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7744, 0.2534, 0.3067 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, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(140, 218, 236)  
}
```

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, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 218, 236) }
```

Border

The CSS property to change the border of an element to Yxy 61.7744, 0.2534, 0.3067 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, 218, 236) }
```

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

```
.border{ border-color:rgb(140, 218, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 218, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 218, 236);  
box-shadow:4px 4px 4px 4px rgb(140, 218,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7744, 0.2534, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 218, 236) }
```

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

```
.background{ background-color: rgb(140,  
218, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor