

Converting Colors

Yxy(61.7374, 0.2647, 0.3130)

Have a look what the booklet for
Yxy(61.7374, 0.2647, 0.3130)
contains.

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Color

Yxy(61.7374, 0.2647, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	9BD8E5
RGB	155, 216, 229
RGB Percent	61%, 85%, 90%
CMY	0.3923, 0.1529, 0.1019
CMYK	0.32, 0.06, 0.00, 0.10
HSL	191°, 59%, 75%
HSV	191°, 32%, 90%
XYZ	52.2105, 61.7374, 83.2962
YIQ	199.2430, -40.5290, -8.8890

Conversions

Conversions Part 2

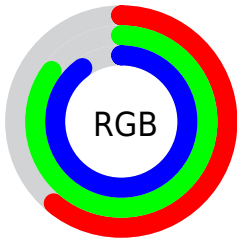
Format	Color
RYB	155, 188, 229
Decimal	10213605
CIELab	82.77, -16.26, -12.62
CIELCh	83, 20.579, 217.812
Yxy	61.7374, 0.2647, 0.3130
Android (android.graphics.Color)	4288403685 (0xFF9BD8E5)
YUV	199.2430, 14.6702, -38.8011
Hunter-Lab	78.5732, -18.8928, -7.8527

Details

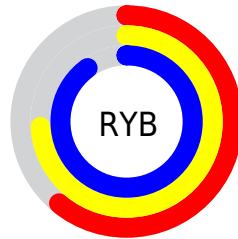
The Yxy color **61.7374, 0.2647, 0.3130** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.0121, 0.3824, 0.3443**, and the grayscale version is **57.1933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **31.3124, 0.2530, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **57.6514, 0.2516, 0.3073**, and if you desaturate by 10%, it is **66.3083, 0.2789, 0.3184**.

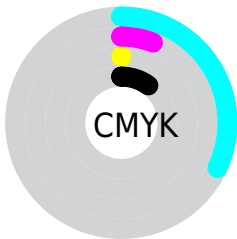
Distribution



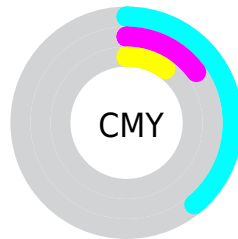
- Red (61%)
- Green (85%)
- Blue (90%)



- Red (61%)
- Yellow (74%)
- Blue (90%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)




- Cyan (39%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7374, 0.2647, 0.3130 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 61.7374, 0.2647, 0.3130 by changing the saturation by 10% instead.


 61.7374, 0.2647,
0.3130

 61.7374, 0.2647,
0.3130


430.9726, 0.2872,
0.3210

 44.8205, 0.2595,
0.3110

 107.3459, 0.2726,
0.3159

 31.3161, 0.2531,
0.3085


 136.8064, 0.2756,
0.3170

 20.8397, 0.2449,
0.3051


171.2168, 0.2782,
0.3179

 13.0069, 0.2341,
0.3005

210.9616, 0.2805,
0.3187

 7.4333, 0.2194,
0.2939

256.4252, 0.2825,
0.3194

 3.7345, 0.1982,
0.2834

307.9920, 0.2842,

 1.5262, 0.1653,

0.3200

0.2651

366.0463, 0.2858,
0.3205

0.3071, 0.0000,
0.1986

0.0000, 0.0000,
0.0000

61.7374, 0.2647,
0.3130

61.7374, 0.2647,
0.3130

57.6514, 0.2516,
0.3073

66.3083, 0.2789,
0.3184

54.0182, 0.2399,
0.3012

71.3794, 0.2938,
0.3234

50.8131, 0.2298,
0.2950

76.9746, 0.3091,
0.3280

48.0058, 0.2216,
0.2886

83.1137, 0.3246,
0.3321

■ 45.5612, 0.2153,
0.2823

■ 86.9685, 0.3300,
0.3361

■ 43.4375, 0.2110,
0.2759

■ 89.3101, 0.3296,
0.3400

■ 41.9752, 0.2087,
0.2711

■ 91.7040, 0.3291,
0.3439

■ 94.1507, 0.3287,
0.3477

■ 96.6505, 0.3283,
0.3515

Harmonies

Analogous

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



61.7374, 0.2768, 0.3374



61.7374, 0.2647, 0.3130



61.7374, 0.2648, 0.2945

Triad

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



61.7374, 0.2647, 0.3130



61.7374, 0.3256, 0.3004



61.7374, 0.3484, 0.3739

Complementary

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



61.7374, 0.2647, 0.3130



47.0121, 0.3824, 0.3443

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.



61.7374, 0.3628, 0.3615



61.7374, 0.2647, 0.3130



61.7374, 0.3494, 0.3195

Square

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



61.7374, 0.2647, 0.3130



61.7374, 0.2991, 0.2883



61.7374, 0.3633, 0.3415



61.7374, 0.3247, 0.3739

Rectangle

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



61.7374, 0.2647, 0.3130



61.7374, 0.2718, 0.2875



61.7374, 0.3633, 0.3415



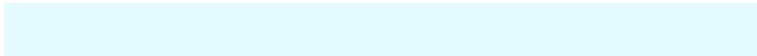
61.7374, 0.3545, 0.3709

Sweetspot

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



61.7399, 0.2647, 0.3130



92.6585, 0.2972, 0.3245



65.8072, 0.3011, 0.4083



19.6237, 0.2951, 0.3238



0.0000, 0.0000, 0.0000



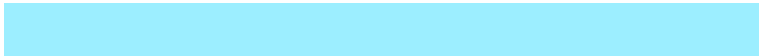
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7399, 0.2647, 0.3130



75.1297, 0.2555, 0.3091



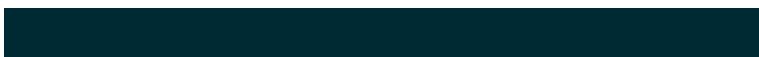
45.1201, 0.2589, 0.2661



15.8834, 0.2981, 0.3248



24.1571, 0.2089, 0.2721



1.8985, 0.2115, 0.2813

Inverse Universe

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



45.0467, 0.3277, 0.2616



51.0327, 0.3317, 0.2474



62.3637, 0.3694, 0.3846



14.5695, 0.3165, 0.3098



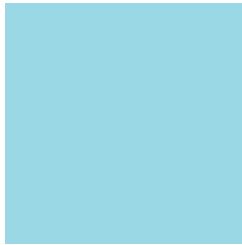
11.6364, 0.3708, 0.1816



0.8713, 0.3623, 0.1769

Previews

White Background



This preview shows how the Yxy color 61.7374, 0.2647, 0.3130 looks on a white background.

Color Contrast Check

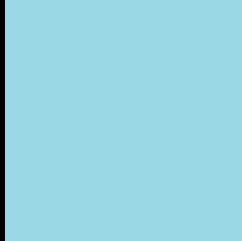
Large Text (above 18pt) WCAG AA × Fail

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 61.7374, 0.2647, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

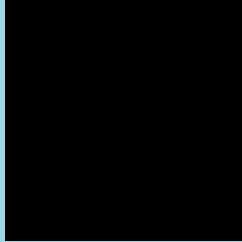
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7374, 0.2647, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 61.7374, 0.2647, 0.3130.

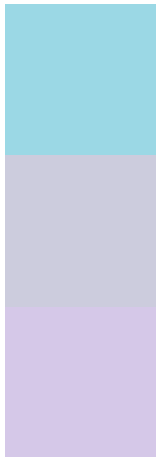


This preview shows how white text looks on a background with the Yxy color 61.7374, 0.2647, 0.3130.

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

61.7374, 0.2647, 0.3130

Protanopia

61.2436, 0.3009, 0.3095

Deuteranopia

61.2809, 0.3001, 0.2935



Tritanopia

61.5520, 0.2630, 0.3070

Trichromacy



Original Color

61.7374, 0.2647, 0.3130

Protanomaly

60.9327, 0.2863, 0.3101

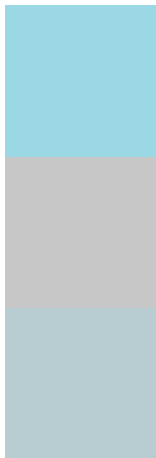
Deuteranomaly

61.1186, 0.2859, 0.3001

Tritanomaly

61.4950, 0.2635, 0.3082

Monochromacy



Original Color

61.7374, 0.2647, 0.3130

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.3831, 0.2931, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7374, 0.2647, 0.3130 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(155, 216, 229)` looks like.

```
.text, #text, p{  
    color:rgb(155, 216, 229)  
}
```

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(155, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 216, 229) }
```

Border

The CSS property to change the border of an element to Yxy 61.7374, 0.2647, 0.3130 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(155, 216, 229) }
```

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

```
.border{ border-color:rgb(155, 216, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(155, 216,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7374, 0.2647, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 216, 229) }
```

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

```
.background{ background-color: rgb(155,  
216, 229) }
```

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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