

Converting Colors

$Yxy(67.2992, 0.2624, 0.3078)$

Have a look what the booklet for
Yxy(67.2992, 0.2624, 0.3078)
contains.

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Color

Yxy(67.2992, 0.2624, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	A1E0F2
RGB	161, 224, 242
RGB Percent	63%, 88%, 95%
CMY	0.3688, 0.1215, 0.0510
CMYK	0.33, 0.07, 0.00, 0.05
HSL	193°, 76%, 79%
HSV	193°, 33%, 95%
XYZ	57.3727, 67.2992, 93.9740
YIQ	207.2150, -43.3260, -7.7580

Conversions

Conversions Part 2

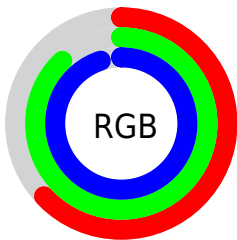
Format	Color
RYB	161, 196, 242
Decimal	10608882
CIELab	85.65, -15.60, -15.15
CIELCh	86, 21.751, 224.161
Yxy	67.2992, 0.2624, 0.3078
Android (android.graphics.Color)	4288798962 (0xFFA1E0F2)
YUV	207.2150, 17.1490, -40.5306
Hunter-Lab	82.0361, -18.7276, -10.4926

Details

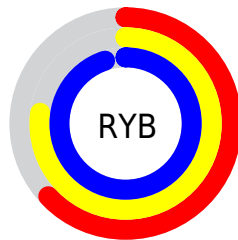
The Yxy color **67.2992, 0.2624, 0.3078** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.6651, 0.3847, 0.3490**, and the grayscale version is **62.4457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **34.9853, 0.2507, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **62.1852, 0.2490, 0.3004**, and if you desaturate by 10%, it is **72.9963, 0.2768, 0.3148**.

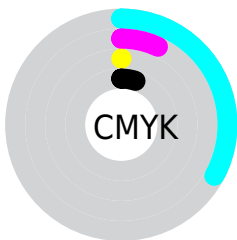
Distribution



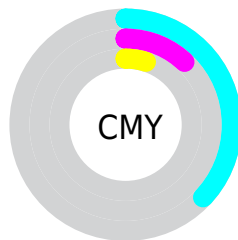
- Red (63%)
- Green (88%)
- Blue (95%)



- Red (63%)
- Yellow (77%)
- Blue (95%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (37%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2992, 0.2624, 0.3078 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 67.2992, 0.2624, 0.3078 by changing the saturation by 10% instead.

67.2992, 0.2624,
0.3078

67.2992, 0.2624,
0.3078

451.0090, 0.2856,
0.3181

49.3278, 0.2571,
0.3053

115.3490, 0.2704,
0.3115

34.8796, 0.2507,
0.3022

146.1963, 0.2735,
0.3129

23.5701, 0.2426,
0.2981

182.1042, 0.2762,
0.3141

15.0151, 0.2320,
0.2927

223.4574, 0.2786,
0.3151

8.8300, 0.2178,
0.2850

270.6400, 0.2806,
0.3160

4.6304, 0.1978,
0.2734

324.0366, 0.2825,

2.0321, 0.1680,

0.3168

0.2544

384.0314, 0.2841,
0.3175

0.6260, 0.0762,
0.2229

0.0000, 0.0000,
0.0000

67.2992, 0.2624,
0.3078

67.2992, 0.2624,
0.3078

62.1852, 0.2490,
0.3004

72.9963, 0.2768,
0.3148

57.6172, 0.2368,
0.2926

79.2951, 0.2919,
0.3212

53.5660, 0.2263,
0.2845

86.2233, 0.3073,
0.3271

49.9957, 0.2177,
0.2763

93.2790, 0.3210,
0.3324

■ 46.8653, 0.2110,
0.2680

■ 96.5853, 0.3206,
0.3376

■ 44.1245, 0.2063,
0.2598

■ 99.1912, 0.3203,
0.3415

■ 42.5024, 0.2040,
0.2545

Harmonies

Analogous

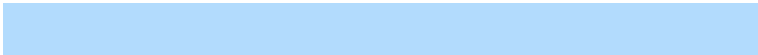
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2992, 0.2723, 0.3321



67.2992, 0.2624, 0.3078



67.2992, 0.2653, 0.2907

Triad

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



67.2992, 0.2624, 0.3078



67.2992, 0.3316, 0.3034



67.2992, 0.3448, 0.3763

Complementary

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



67.2992, 0.2624, 0.3078



53.6651, 0.3847, 0.3490

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.



67.2992, 0.3621, 0.3659



67.2992, 0.2624, 0.3078



67.2992, 0.3545, 0.3239

Square

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



67.2992, 0.2624, 0.3078



67.2992, 0.3043, 0.2891



67.2992, 0.3658, 0.3465



67.2992, 0.3193, 0.3734

Rectangle

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



67.2992, 0.2624, 0.3078



67.2992, 0.2740, 0.2852



67.2992, 0.3658, 0.3465



67.2992, 0.3518, 0.3741

Sweetspot

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



67.3019, 0.2624, 0.3078



91.9223, 0.2972, 0.3233



74.3141, 0.2985, 0.4068



19.4447, 0.2950, 0.3225



0.0000, 0.0000, 0.0000



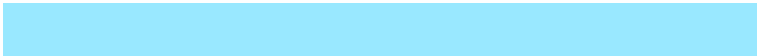
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3019, 0.2624, 0.3078



71.9089, 0.2534, 0.3029



48.2278, 0.2560, 0.2581



17.2990, 0.2981, 0.3236



23.0437, 0.2044, 0.2559



2.0618, 0.2074, 0.2666

Inverse Universe

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



49.7321, 0.3317, 0.2626



49.8892, 0.3365, 0.2497



72.1331, 0.3706, 0.3909



15.9678, 0.3172, 0.3108



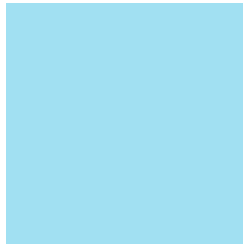
12.1196, 0.3864, 0.1902



1.0229, 0.3760, 0.1845

Previews

White Background



This preview shows how the Yxy color 67.2992, 0.2624, 0.3078 looks on a white background.

Color Contrast Check

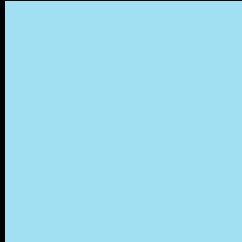
Large Text (above 18pt) WCAG AA × Fail

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 67.2992, 0.2624, 0.3078 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 67.2992, 0.2624, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 67.2992, 0.2624, 0.3078.

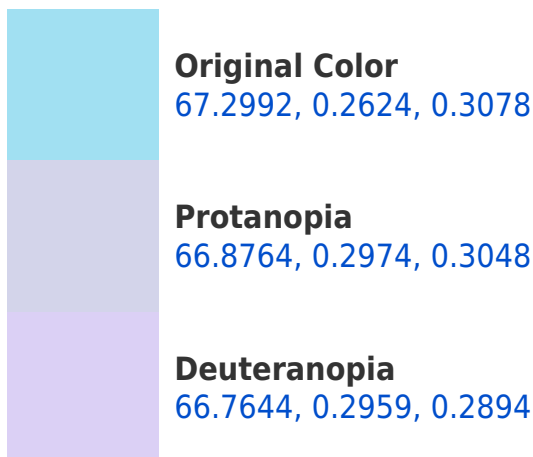


This preview shows how white text looks on a background with the Yxy color 67.2992, 0.2624, 0.3078.

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





Tritanopia

67.2992, 0.2624, 0.3078

Trichromacy



Original Color

67.2992, 0.2624, 0.3078

Protanomaly

66.5636, 0.2835, 0.3052

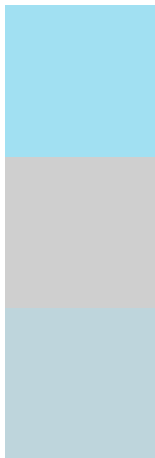
Deuteranomaly

66.6306, 0.2825, 0.2956

Tritanomaly

67.2992, 0.2624, 0.3078

Monochromacy



Original Color

67.2992, 0.2624, 0.3078

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.7030, 0.2918, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2992, 0.2624, 0.3078 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(161, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(161, 224, 242)  
}
```

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(161, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 224, 242) }
```

Border

The CSS property to change the border of an element to Yxy 67.2992, 0.2624, 0.3078 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(161, 224, 242) }
```

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

```
.border{ border-color:rgb(161, 224, 242) }
```

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

Here you see how a box with a 4 pixel rgb(161, 224, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(161, 224,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2992, 0.2624, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 224, 242) }
```

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

```
.background{ background-color: rgb(161,  
224, 242) }
```

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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