

Converting Colors

$Yxy(69.5653, 0.2773, 0.3086)$

Have a look what the booklet for
Yxy(69.5653, 0.2773, 0.3086)
contains.

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Color

Yxy(69.5653, 0.2773, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	BADFF1
RGB	186, 223, 241
RGB Percent	73%, 87%, 95%
CMY	0.2707, 0.1254, 0.0549
CMYK	0.23, 0.07, 0.00, 0.05
HSL	200°, 66%, 84%
HSV	200°, 23%, 95%
XYZ	62.5096, 69.5653, 93.3473
YIQ	213.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

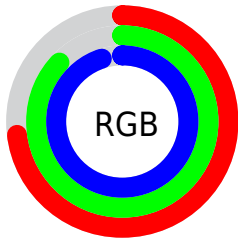
Format	Color
R _Y B	186, 208, 241
Decimal	12247025
CIE Lab	86.78, -8.21, -12.78
CIE LCh	87, 15.195, 237.275
Yxy	69.5653, 0.2773, 0.3086
Android (android.graphics.Color)	4290437105 (0xFFBADFF1)
YUV	213.9890, 13.3164, -24.5464
Hunter-Lab	83.4058, -12.1810, -7.9730

Details

The Yxy color **69.5653, 0.2773, 0.3086** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.4130, 0.3555, 0.3485**, and the grayscale version is **67.1591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **36.4136, 0.2692, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **62.6877, 0.2621, 0.2982**, and if you desaturate by 10%, it is **77.1534, 0.2928, 0.3181**.

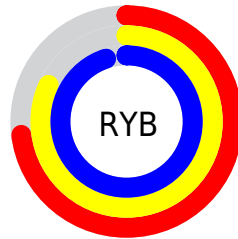
Distribution



Red (73%)

Green (87%)

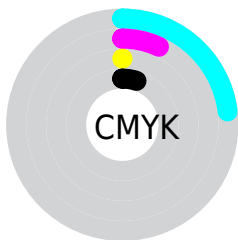
Blue (95%)



Red (73%)

Yellow (82%)

Blue (95%)

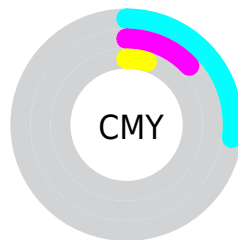


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5653, 0.2773, 0.3086 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 69.5653, 0.2773, 0.3086 by changing the saturation by 10% instead.

■ 69.5653, 0.2773,
0.3086

■ 69.5653, 0.2773,
0.3086

459.0222, 0.2936,
0.3183

■ 51.1722, 0.2736,
0.3063

■ 118.5886, 0.2830,
0.3120

■ 36.3457, 0.2690,
0.3035

149.9877, 0.2852,
0.3133

■ 24.7013, 0.2632,
0.2999

186.4908, 0.2871,
0.3144

■ 15.8547, 0.2557,
0.2951

228.4825, 0.2887,
0.3154

■ 9.4214, 0.2456,
0.2885

276.3471, 0.2902,
0.3163

■ 5.0170, 0.2311,
0.2787

330.4690, 0.2914,

■ 2.2573, 0.2089,

0.3170

0.2631

391.2326, 0.2926,
0.3177

0.7509, 0.1611,
0.2358

0.0000, 0.0000,
0.0000

69.5653, 0.2773,
0.3086

69.5653, 0.2773,
0.3086

62.6877, 0.2621,
0.2982

77.1534, 0.2928,
0.3181

56.4841, 0.2475,
0.2871

85.4699, 0.3084,
0.3267

50.9267, 0.2340,
0.2753

93.9153, 0.3215,
0.3345

45.9824, 0.2219,
0.2630

98.8269, 0.3209,
0.3420

■ 41.6141, 0.2115,
0.2504

■ 99.1306, 0.3209,
0.3425

■ 37.7793, 0.2032,
0.2378

■ 34.4272, 0.1969,
0.2253

■ 32.2666, 0.1935,
0.2165

Harmonies

Analogous

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



69.5653, 0.2805, 0.3238



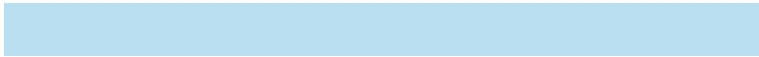
69.5653, 0.2773, 0.3086



69.5653, 0.2833, 0.2995

Triad

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



69.5653, 0.2773, 0.3086



69.5653, 0.3334, 0.3171



69.5653, 0.3278, 0.3617

Complementary

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



69.5653, 0.2773, 0.3086



65.4130, 0.3555, 0.3485

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.



69.5653, 0.3427, 0.3587



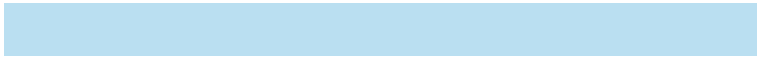
69.5653, 0.2773, 0.3086



69.5653, 0.3461, 0.3327

Square

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



69.5653, 0.2773, 0.3086



69.5653, 0.3154, 0.3046



69.5653, 0.3494, 0.3479



69.5653, 0.3093, 0.3553

Rectangle

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



69.5653, 0.2773, 0.3086



69.5653, 0.2917, 0.2977



69.5653, 0.3494, 0.3479



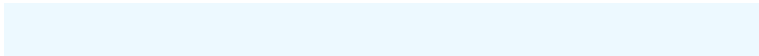
69.5653, 0.3334, 0.3617

Sweetspot

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



69.5681, 0.2773, 0.3086



93.1036, 0.3019, 0.3232



77.6754, 0.2997, 0.3723



19.8049, 0.3009, 0.3227



0.0000, 0.0000, 0.0000



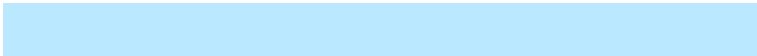
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5681, 0.2773, 0.3086



75.6690, 0.2708, 0.3043



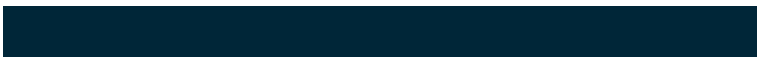
56.2965, 0.2748, 0.2769



17.0072, 0.2981, 0.3211



17.7544, 0.1940, 0.2185



1.6575, 0.1986, 0.2348

Inverse Universe

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



59.1373, 0.3292, 0.2899



62.2953, 0.3330, 0.2824



79.3453, 0.3494, 0.3762



15.9384, 0.3188, 0.3132



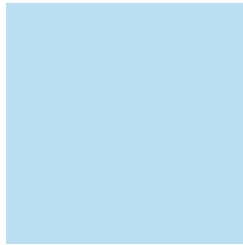
11.5857, 0.4248, 0.2114



0.9820, 0.4077, 0.2019

Previews

White Background



This preview shows how the Yxy color 69.5653, 0.2773, 0.3086 looks on a white background.

Color Contrast Check

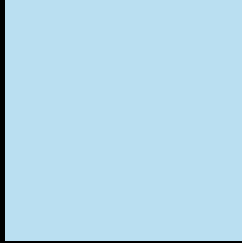
Large Text (above 18pt) WCAG AA × Fail

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 69.5653, 0.2773, 0.3086 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 69.5653, 0.2773, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 69.5653, 0.2773, 0.3086.



This preview shows how white text looks on a background with the Yxy color 69.5653, 0.2773, 0.3086.

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

69.5653, 0.2773, 0.3086

Protanopia

69.1041, 0.2989, 0.3062

Deuteranopia

69.0671, 0.3014, 0.2952



Tritanopia

69.5653, 0.2773, 0.3086

Trichromacy



Original Color

69.5653, 0.2773, 0.3086

Protanomaly

69.1532, 0.2902, 0.3069

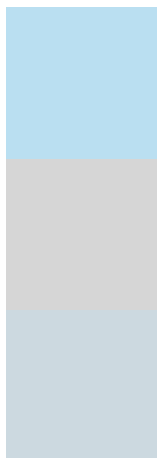
Deuteranomaly

68.8606, 0.2924, 0.2996

Tritanomaly

69.5653, 0.2773, 0.3086

Monochromacy



Original Color

69.5653, 0.2773, 0.3086

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8449, 0.2990, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5653, 0.2773, 0.3086 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(186, 223, 241)` looks like.

```
.text, #text, p{  
    color:rgb(186, 223, 241)  
}
```

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(186, 223, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 223, 241) }
```

Border

The CSS property to change the border of an element to Yxy 69.5653, 0.2773, 0.3086 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(186, 223, 241) }
```

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

```
.border{ border-color:rgb(186, 223, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 223, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 223, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 223, 241);  
box-shadow:4px 4px 4px 4px rgb(186, 223,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5653, 0.2773, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 223, 241) }
```

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

```
.background{ background-color: rgb(186,  
223, 241) }
```

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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