

Converting Colors

$Yxy(69.4786, 0.2755, 0.3052)$

Have a look what the booklet for
Yxy(69.4786, 0.2755, 0.3052)
contains.

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Color

Yxy(69.7461, 0.2756, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	BADFF4
RGB	186, 223, 244
RGB Percent	73%, 87%, 96%
CMY	0.2707, 0.1254, 0.0431
CMYK	0.24, 0.09, 0.00, 0.04
HSL	202°, 73%, 84%
HSV	202°, 24%, 96%
XYZ	62.9611, 69.7461, 95.7438
YIQ	214.3310, -28.7930, -1.3130

Conversions

Conversions Part 2

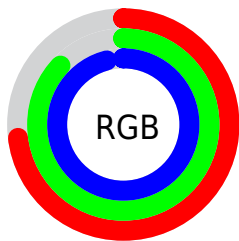
Format	Color
R _Y B	186, 209, 244
Decimal	12247028
CIE Lab	86.87, -7.55, -14.24
CIE LCh	87, 16.121, 242.060
Yxy	69.7461, 0.2756, 0.3053
Android (android.graphics.Color)	4290437108 (0xFFBADFF4)
YUV	214.3310, 14.6268, -24.8463
Hunter-Lab	83.5141, -11.5790, -9.5125

Details

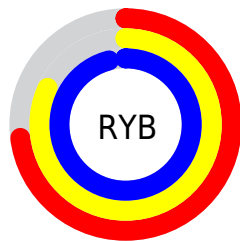
The Yxy color **69.7461, 0.2756, 0.3053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67.3894, 0.3572, 0.3515**, and the grayscale version is **67.3915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **36.5416, 0.2671, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **62.3542, 0.2602, 0.2937**, and if you desaturate by 10%, it is **77.9115, 0.2913, 0.3160**.

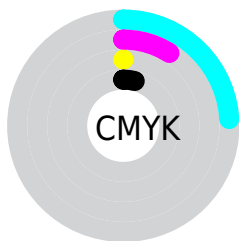
Distribution



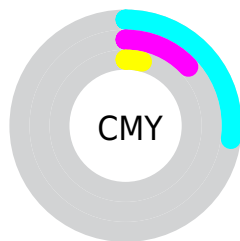
- Red (73%)
- Green (87%)
- Blue (96%)



- Red (73%)
- Yellow (82%)
- Blue (96%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7461, 0.2756, 0.3053 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 69.7461, 0.2756, 0.3053 by changing the saturation by 10% instead.

■ 69.7461, 0.2756,
0.3053

■ 69.7461, 0.2756,
0.3053

■ 459.6580, 0.2927,
0.3165

■ 51.3196, 0.2717,
0.3027

■ 118.8466, 0.2815,
0.3092

■ 36.4630, 0.2669,
0.2995

■ 150.2894, 0.2838,
0.3107

■ 24.7920, 0.2609,
0.2953

■ 186.8397, 0.2858,
0.3120

■ 15.9221, 0.2531,
0.2899

■ 228.8819, 0.2875,
0.3132

■ 9.4691, 0.2425,
0.2823

■ 276.8005, 0.2891,
0.3142

■ 5.0484, 0.2275,
0.2713

■ 330.9797, 0.2904,

■ 2.2757, 0.2047,

0.3150

0.2538

391.8041, 0.2916,
0.3158

0.7608, 0.1582,
0.2235

0.0000, 0.0000,
0.0000

69.7461, 0.2756,
0.3053

69.7461, 0.2756,
0.3053

62.3542, 0.2602,
0.2937

77.9115, 0.2913,
0.3160

55.6970, 0.2453,
0.2812

86.8702, 0.3069,
0.3256

49.7449, 0.2315,
0.2679

95.8525, 0.3195,
0.3343

44.4620, 0.2190,
0.2542

99.3127, 0.3191,
0.3395

■ 39.8086, 0.2083,
0.2401

■ 35.7392, 0.1996,
0.2260

■ 32.1990, 0.1931,
0.2121

■ 30.2188, 0.1899,
0.2037

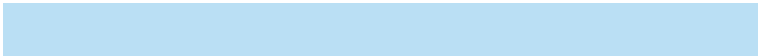
Harmonies

Analogous

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



69.7461, 0.2774, 0.3206



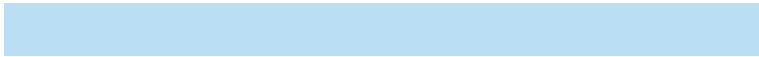
69.7461, 0.2756, 0.3053



69.7461, 0.2834, 0.2970

Triad

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



69.7461, 0.2756, 0.3053



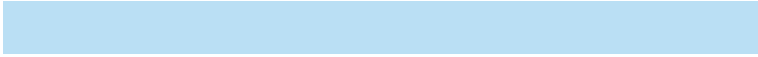
69.7461, 0.3373, 0.3189



69.7461, 0.3257, 0.3633

Complementary

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



69.7461, 0.2756, 0.3053



67.3894, 0.3572, 0.3515

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.



69.7461, 0.3424, 0.3617



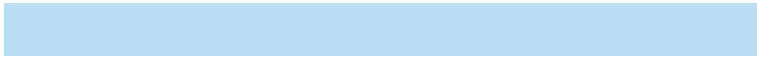
69.7461, 0.2756, 0.3053



69.7461, 0.3494, 0.3356

Square

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



69.7461, 0.2756, 0.3053



69.7461, 0.3187, 0.3050



69.7461, 0.3512, 0.3513



69.7461, 0.3059, 0.3549

Rectangle

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



69.7461, 0.2756, 0.3053



69.7461, 0.2931, 0.2961



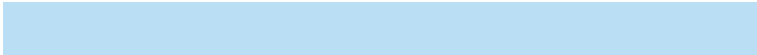
69.7461, 0.3512, 0.3513



69.7461, 0.3319, 0.3639

Sweetspot

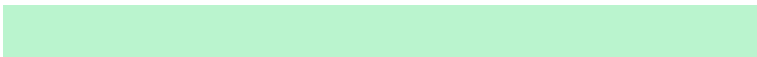
The Sweet Spot groups the original color and five complimentary colors.



69.7489, 0.2756, 0.3053



92.7187, 0.3019, 0.3226



79.6156, 0.2980, 0.3721



19.7157, 0.3009, 0.3220



0.0000, 0.0000, 0.0000



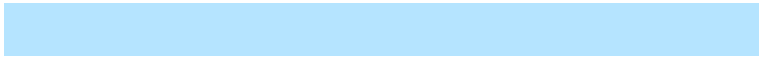
21.4041, 0.3127, 0.3290

Same Dimension

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



69.7489, 0.2756, 0.3053



72.6711, 0.2674, 0.2993



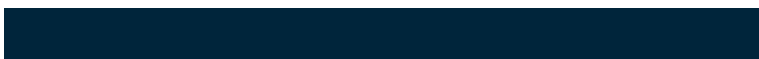
55.8500, 0.2728, 0.2721



17.6905, 0.2980, 0.3202



16.6975, 0.1905, 0.2059



1.6622, 0.1953, 0.2231

Inverse Universe

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



59.6665, 0.3316, 0.2902



59.9431, 0.3370, 0.2813



82.3730, 0.3506, 0.3802



16.6606, 0.3194, 0.3140



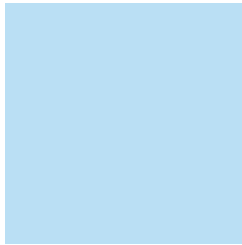
11.7850, 0.4387, 0.2190



1.0554, 0.4200, 0.2087

Previews

White Background



This preview shows how the Yxy color 69.7461, 0.2756, 0.3053 looks on a white background.

Color Contrast Check

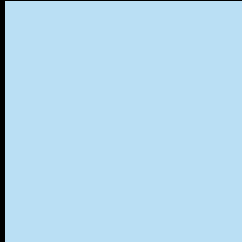
Large Text (above 18pt) WCAG AA × Fail

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 69.7461, 0.2756, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

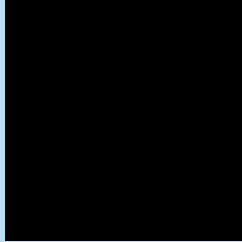
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7461, 0.2756, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 69.7461, 0.2756, 0.3053.



This preview shows how white text looks on a background with the Yxy color 69.7461, 0.2756, 0.3053.

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

69.4405, 0.2767, 0.3086

Trichromacy



Original Color

69.7461, 0.2756, 0.3053

Protanomaly

69.8513, 0.2885, 0.3048

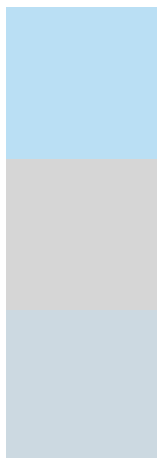
Deuteranomaly

68.8951, 0.2899, 0.2965

Tritanomaly

69.5004, 0.2761, 0.3075

Monochromacy



Original Color

69.7461, 0.2756, 0.3053

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8993, 0.2983, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7461, 0.2756, 0.3053 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(186, 223, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 223, 244) }
```

Border

The CSS property to change the border of an element to Yxy 69.7461, 0.2756, 0.3053 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, 244) }
```

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

```
.border{ border-color:rgb(186, 223, 244) }
```

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, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(186, 223,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7461, 0.2756, 0.3053 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, 244) }
```

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

```
.background{ background-color: rgb(186,  
223, 244) }
```

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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