

Converting Colors

$Yxy(65.5650, 0.2731, 0.2924)$

Have a look what the booklet for
Yxy(65.5650, 0.2731, 0.2924)
contains.

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Color

Yxy(65.7554, 0.2732, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	BAD7F7
RGB	186, 215, 247
RGB Percent	73%, 84%, 97%
CMY	0.2703, 0.1569, 0.0313
CMYK	0.25, 0.13, 0.00, 0.03
HSL	212°, 79%, 85%
HSV	212°, 25%, 97%
XYZ	61.3537, 65.7554, 97.4653
YIQ	209.9770, -27.5560, 3.8040

Conversions

Conversions Part 2

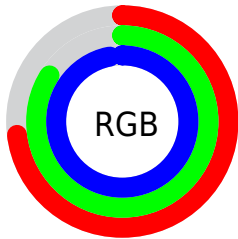
Format	Color
R _{YB}	186, 206, 247
Decimal	12244983
CIE _{Lab}	84.87, -2.67, -18.83
CIE _{LCh}	85, 19.022, 261.928
Yxy	65.7554, 0.2732, 0.2928
Android (android.graphics.Color)	4290435063 (0xFFBAD7F7)
YUV	209.9770, 18.2523, -21.0278
Hunter-Lab	81.0897, -6.8511, -14.5005

Details

The Yxy color **65.7554, 0.2732, 0.2928** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.5242, 0.3568, 0.3627**, and the grayscale version is **64.3345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **33.8087, 0.2636, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **56.5738, 0.2565, 0.2754**, and if you desaturate by 10%, it is **76.0019, 0.2897, 0.3086**.

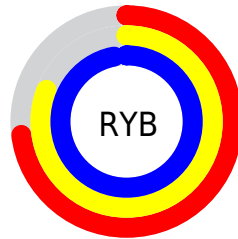
Distribution



Red (73%)

Green (84%)

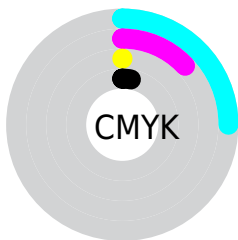
Blue (97%)



Red (73%)

Yellow (81%)

Blue (97%)

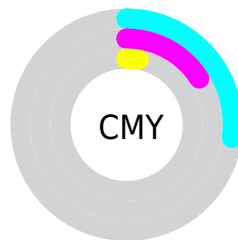


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7554, 0.2732, 0.2928 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 65.7554, 0.2732, 0.2928 by changing the saturation by 10% instead.

■ 65.7554, 0.2732,
0.2928

■ 65.7554, 0.2732,
0.2928

445.5016, 0.2916,
0.3098

■ 48.0739, 0.2690,
0.2889

■ 113.1352, 0.2796,
0.2987

■ 33.8854, 0.2638,
0.2840

143.6022, 0.2821,
0.3010

■ 22.8056, 0.2572,
0.2778

179.0999, 0.2842,
0.3030

■ 14.4500, 0.2486,
0.2697

220.0126, 0.2861,
0.3047

■ 8.4343, 0.2369,
0.2585

266.7248, 0.2877,
0.3062

■ 4.3741, 0.2202,
0.2425

319.6207, 0.2892,

■ 1.8849, 0.1946,

0.3076

0.2176

379.0848, 0.2904,
0.3087

0.5393, 0.1386,
0.1670

0.0000, 0.0000,
0.0000

65.7554, 0.2732,
0.2928

65.7554, 0.2732,
0.2928

56.5738, 0.2565,
0.2754

76.0019, 0.2897,
0.3086

48.4096, 0.2399,
0.2566

87.3426, 0.3055,
0.3229

41.2229, 0.2240,
0.2367

98.8193, 0.3174,
0.3356

34.9675, 0.2092,
0.2161

99.4963, 0.3173,
0.3366

■ 29.5925, 0.1963,
0.1954

■ 25.0404, 0.1856,
0.1751

■ 21.2430, 0.1775,
0.1559

■ 19.4802, 0.1740,
0.1462

Harmonies

Analogous

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



65.7554, 0.2677, 0.3058



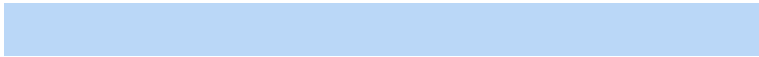
65.7554, 0.2732, 0.2928



65.7554, 0.2890, 0.2896

Triad

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



65.7554, 0.2732, 0.2928



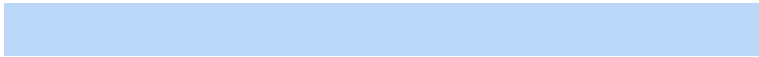
65.7554, 0.3532, 0.3298



65.7554, 0.3124, 0.3651

Complementary

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



65.7554, 0.2732, 0.2928



73.5242, 0.3568, 0.3627

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.



65.7554, 0.3357, 0.3711



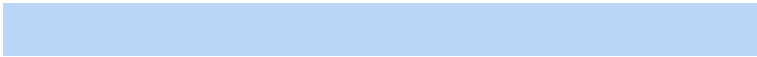
65.7554, 0.2732, 0.2928



65.7554, 0.3599, 0.3496

Square

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



65.7554, 0.2732, 0.2928



65.7554, 0.3353, 0.3106



65.7554, 0.3533, 0.3649



65.7554, 0.2898, 0.3482

Rectangle

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



65.7554, 0.2732, 0.2928



65.7554, 0.3036, 0.2930



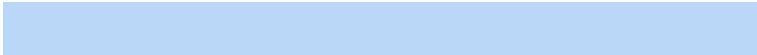
65.7554, 0.3533, 0.3649



65.7554, 0.3204, 0.3685

Sweetspot

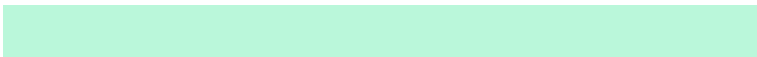
The Sweet Spot groups the original color and five complimentary colors.



65.7580, 0.2732, 0.2928



90.9295, 0.3019, 0.3197



82.0187, 0.2919, 0.3621



19.3012, 0.3009, 0.3189



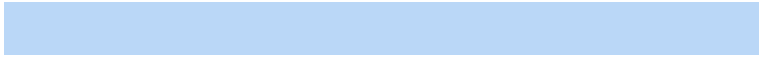
0.0000, 0.0000, 0.0000



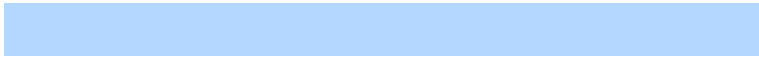
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7580, 0.2732, 0.2928



65.2379, 0.2642, 0.2836



52.4432, 0.2709, 0.2589



17.2234, 0.2980, 0.3162



10.5811, 0.1748, 0.1492



1.1342, 0.1813, 0.1726

Inverse Universe

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



59.8327, 0.3406, 0.2988



58.1956, 0.3485, 0.2918



89.6721, 0.3494, 0.3909



16.6134, 0.3219, 0.3178



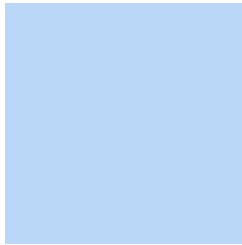
11.1675, 0.5069, 0.2566



1.0021, 0.4775, 0.2404

Previews

White Background



This preview shows how the Yxy color 65.7554, 0.2732, 0.2928 looks on a white background.

Color Contrast Check

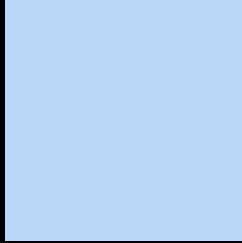
Large Text (above 18pt) WCAG AA × Fail

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 65.7554, 0.2732, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

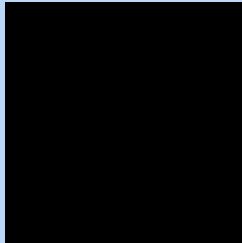
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

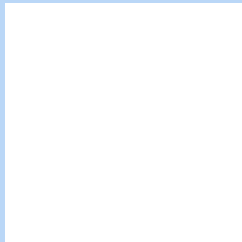
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7554, 0.2732, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 65.7554, 0.2732, 0.2928.



This preview shows how white text looks on a background with the Yxy color 65.7554, 0.2732, 0.2928.

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

65.7554, 0.2732, 0.2928

Protanopia

65.7467, 0.2876, 0.2916

Deuteranopia

65.7613, 0.2898, 0.2838



Tritanopia

65.7566, 0.2796, 0.3093

Trichromacy



Original Color

65.7554, 0.2732, 0.2928

Protanomaly

65.8217, 0.2824, 0.2924

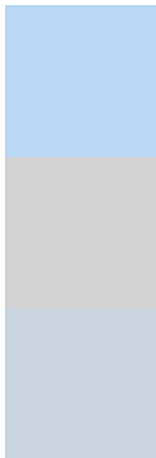
Deuteranomaly

65.7079, 0.2838, 0.2873

Tritanomaly

65.6580, 0.2772, 0.3026

Monochromacy



Original Color

65.7554, 0.2732, 0.2928

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8322, 0.2975, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7554, 0.2732, 0.2928 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, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 247)  
}
```

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, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 247) }
```

Border

The CSS property to change the border of an element to Yxy 65.7554, 0.2732, 0.2928 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, 215, 247) }
```

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

```
.border{ border-color:rgb(186, 215, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 215, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7554, 0.2732, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 247) }
```

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

```
.background{ background-color: rgb(186,  
215, 247) }
```

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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