

Converting Colors

$Yxy(79.5460, 0.2734, 0.3110)$

Have a look what the booklet for
Yxy(79.5460, 0.2734, 0.3110)
contains.

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Color

Yxy(79.3162, 0.2735, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	BEEEFF
RGB	190, 238, 255
RGB Percent	75%, 93%, 100%
CMY	0.2549, 0.0667, 0.0000
CMYK	0.25, 0.07, 0.00, 0.00
HSL	196°, 100%, 87%
HSV	196°, 25%, 100%
XYZ	69.8647, 79.3162, 106.2658
YIQ	225.5860, -34.0650, -4.8890

Conversions

Conversions Part 2

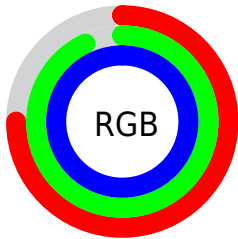
Format	Color
R _Y B	190, 218, 255
Decimal	12513023
CIE Lab	91.38, -11.59, -13.25
CIE LCh	91, 17.605, 228.825
Yxy	79.3162, 0.2735, 0.3105
Android (android.graphics.Color)	4290703103 (0xFFBEEEFF)
YUV	225.5860, 14.5011, -31.2089
Hunter-Lab	89.0596, -15.8264, -8.4030

Details

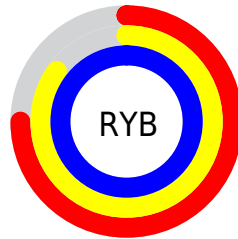
The Yxy color **79.3162, 0.2735, 0.3105** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.6056, 0.3629, 0.3467**, and the grayscale version is **75.6512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **42.6840, 0.2650, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **72.5034, 0.2589, 0.3021**, and if you desaturate by 10%, it is **86.8488, 0.2887, 0.3183**.

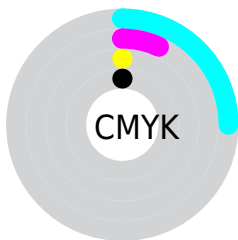
Distribution



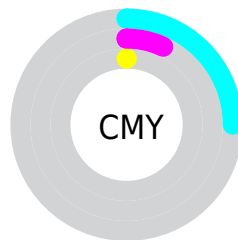
- Red (75%)
- Green (93%)
- Blue (100%)



- Red (75%)
- Yellow (85%)
- Blue (100%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3162, 0.2735, 0.3105 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 79.3162, 0.2735, 0.3105 by changing the saturation by 10% instead.

■ 79.3162, 0.2735,
0.3105

■ 79.3162, 0.2735,
0.3105

■ 492.6254, 0.2911,
0.3192

■ 59.1558, 0.2696,
0.3085

■ 132.4039, 0.2795,
0.3135

■ 42.7386, 0.2648,
0.3060

■ 166.1000, 0.2819,
0.3147

■ 29.6800, 0.2589,
0.3029

■ 205.0769, 0.2839,
0.3157

■ 19.5959, 0.2513,
0.2988

■ 249.7188, 0.2857,
0.3166

■ 12.1016, 0.2413,
0.2932

■ 300.4102, 0.2873,
0.3173

■ 6.8129, 0.2274,
0.2851

■ 357.5355, 0.2887,

■ 3.3454, 0.2071,

0.3180

0.2726

421.4791, 0.2900,
0.3186

1.3146, 0.1749,
0.2510

0.1525, 0.0000,
0.1219

79.3162, 0.2735,
0.3105

79.3162, 0.2735,
0.3105

72.5034, 0.2589,
0.3021

86.8488, 0.2887,
0.3183

66.3767, 0.2453,
0.2932

95.1282, 0.3042,
0.3254

60.9027, 0.2329,
0.2838

100.0000, 0.3127,
0.3290

56.0436, 0.2222,
0.2740

■ 51.7570, 0.2134,
0.2641

■ 47.9937, 0.2066,
0.2542

■ 44.6930, 0.2017,
0.2444

■ 43.3165, 0.2000,
0.2400

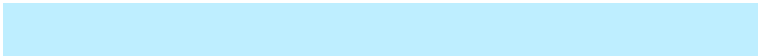
Harmonies

Analogous

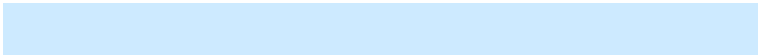
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3162, 0.2798, 0.3286



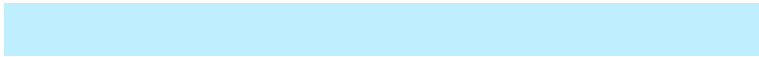
79.3162, 0.2735, 0.3105



79.3162, 0.2773, 0.2983

Triad

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



79.3162, 0.2735, 0.3105



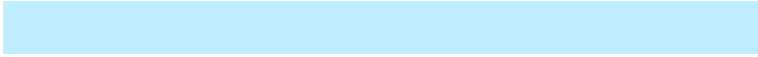
79.3162, 0.3304, 0.3114



79.3162, 0.3347, 0.3654

Complementary

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



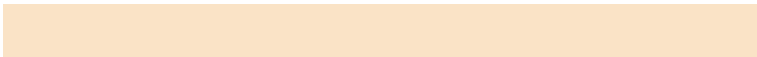
79.3162, 0.2735, 0.3105



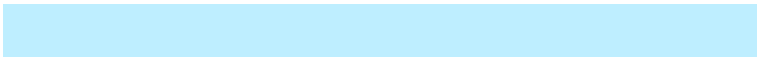
69.6056, 0.3629, 0.3467

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.



79.3162, 0.3491, 0.3593



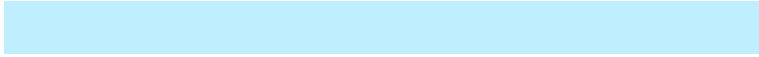
79.3162, 0.2735, 0.3105



79.3162, 0.3467, 0.3280

Square

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



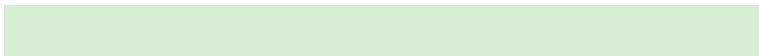
79.3162, 0.2735, 0.3105



79.3162, 0.3096, 0.2993



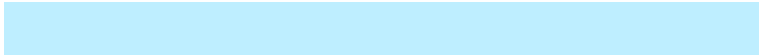
79.3162, 0.3536, 0.3454



79.3162, 0.3147, 0.3613

Rectangle

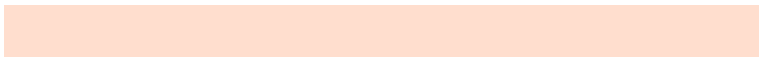
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3162, 0.2735, 0.3105



79.3162, 0.2851, 0.2947



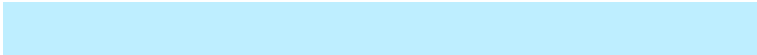
79.3162, 0.3536, 0.3454



79.3162, 0.3404, 0.3645

Sweetspot

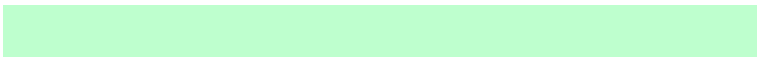
The Sweet Spot groups the original color and five complimentary colors.



79.3169, 0.2735, 0.3105



92.9769, 0.3003, 0.3237



86.9363, 0.3005, 0.3832



19.6300, 0.2980, 0.3226



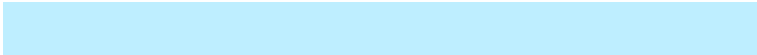
0.0000, 0.0000, 0.0000



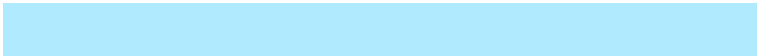
21.4041, 0.3127, 0.3290

Same Dimension

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



79.3169, 0.2735, 0.3105



75.4747, 0.2654, 0.3060



62.4324, 0.2702, 0.2747



19.6300, 0.2980, 0.3226



22.8897, 0.2005, 0.2416



2.4064, 0.2036, 0.2528

Inverse Universe

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



64.2619, 0.3283, 0.2810



58.2502, 0.3326, 0.2704



86.5653, 0.3551, 0.3780



18.2145, 0.3178, 0.3116



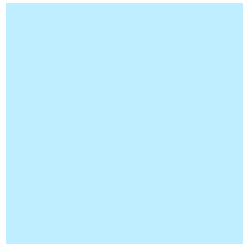
13.0387, 0.4006, 0.1981



1.2875, 0.3895, 0.1919

Previews

White Background



This preview shows how the Yxy color 79.3162, 0.2735, 0.3105 looks on a white background.

Color Contrast Check

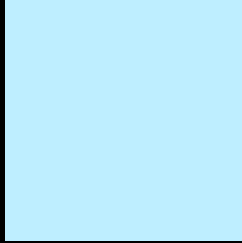
Large Text (above 18pt) WCAG AA × Fail

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 79.3162, 0.2735, 0.3105 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 79.3162, 0.2735, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 79.3162, 0.2735, 0.3105.

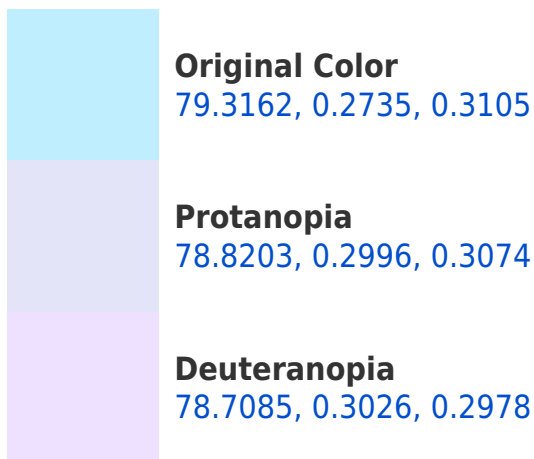


This preview shows how white text looks on a background with the Yxy color 79.3162, 0.2735, 0.3105.

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

79.1258, 0.2751, 0.3095

Trichromacy



Original Color

79.3162, 0.2735, 0.3105

Protanomaly

78.9744, 0.2895, 0.3090

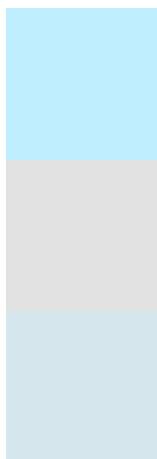
Deuteranomaly

78.6308, 0.2915, 0.3021

Tritanomaly

78.9948, 0.2745, 0.3095

Monochromacy



Original Color

79.3162, 0.2735, 0.3105

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.8542, 0.2971, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3162, 0.2735, 0.3105 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(190, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 238, 255)  
}
```

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(190, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 238, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.3162, 0.2735, 0.3105 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(190, 238, 255) }
```

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

```
.border{ border-color:rgb(190, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 238,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3162, 0.2735, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 238, 255) }
```

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

```
.background{ background-color: rgb(190,  
238, 255) }
```

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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