

Converting Colors

$Yxy(81.3621, 0.2744, 0.3341)$

Have a look what the booklet for
Yxy(81.3621, 0.2744, 0.3341)
contains.

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Color

Yxy(81.6095, 0.2744, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	B1F6F1
RGB	177, 246, 241
RGB Percent	69%, 96%, 95%
CMY	0.3059, 0.0353, 0.0547
CMYK	0.28, 0.00, 0.02, 0.04
HSL	176°, 79%, 83%
HSV	176°, 28%, 96%
XYZ	66.9666, 81.6095, 95.4714
YIQ	224.7990, -39.5190, -16.1830

Conversions

Conversions Part 2

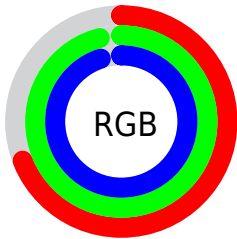
Format	Color
RYB	177, 213, 246
Decimal	11663089
CIELab	92.40, -22.34, -4.53
CIElCh	92, 22.790, 191.454
Yxy	81.6095, 0.2744, 0.3344
Android (android.graphics.Color)	4289853169 (0xFFB1F6F1)
YUV	224.7990, 7.9871, -41.9197
Hunter-Lab	90.3380, -25.7712, 0.5774

Details

The Yxy color **81.6095, 0.2744, 0.3344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.4091, 0.3700, 0.3238**, and the grayscale version is **75.1078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **44.4673, 0.2661, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **78.8747, 0.2629, 0.3366**, and if you desaturate by 10%, it is **84.8726, 0.2872, 0.3323**.

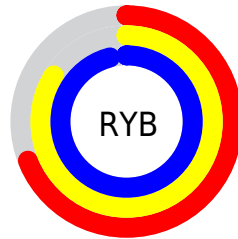
Distribution



Red (69%)

Green (96%)

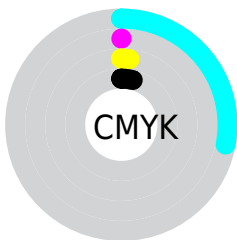
Blue (95%)



Red (69%)

Yellow (84%)

Blue (96%)

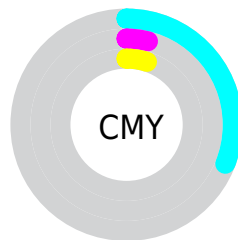


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (4%)



Cyan (31%)


Magenta (4%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.6095, 0.2744, 0.3344 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 81.6095, 0.2744, 0.3344 by changing the saturation by 10% instead.

 81.6095, 0.2744,
0.3344

 81.6095, 0.2744,
0.3344

500.3405, 0.2916,
0.3322

 61.0437, 0.2706,
0.3349


 135.6263, 0.2803,
0.3337

 44.2604, 0.2659,
0.3354


169.8460, 0.2826,
0.3334

 30.8753, 0.2601,
0.3360


209.3859, 0.2846,
0.3331

 20.5039, 0.2527,
0.3368

254.6302, 0.2863,
0.3329

 12.7619, 0.2429,
0.3377

305.9635, 0.2879,
0.3327

 7.2648, 0.2292,
0.3387


363.7700, 0.2893,


 3.6282, 0.2091,


0.3325


428.4342, 0.2905,
0.3323

0.3398


 1.4679, 0.1762,
0.3405


 0.2659, 0.0000,
0.3050


 81.6095, 0.2744,
0.3344


 81.6095, 0.2744,
0.3344


 78.8747, 0.2629,
0.3366

 84.8726, 0.2872,
0.3323


 76.6302, 0.2529,
0.3389


 88.6801, 0.3011,
0.3304

 74.8489, 0.2448,
0.3413


 93.0592, 0.3156,
0.3287


 73.4967, 0.2385,
0.3438


 93.9583, 0.3172,
0.3270

 72.5347, 0.2342,
0.3462


 94.0687, 0.3162,
0.3253

 71.9175, 0.2318,
0.3487

 94.1802, 0.3151,
0.3236

 71.5824, 0.2310,
0.3511

 94.2927, 0.3141,
0.3219

 71.5323, 0.2310,
0.3515

 94.3937, 0.3131,
0.3204

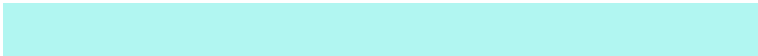
Harmonies

Analogous

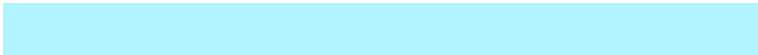
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6095, 0.2954, 0.3582



81.6095, 0.2744, 0.3344



81.6095, 0.2636, 0.3101

Triad

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



81.6095, 0.2744, 0.3344



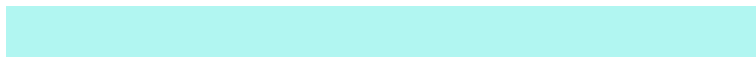
81.6095, 0.3021, 0.2889



81.6095, 0.3621, 0.3638

Complementary

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



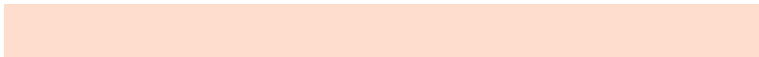
81.6095, 0.2744, 0.3344



54.4091, 0.3700, 0.3238

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.



81.6095, 0.3645, 0.3443



81.6095, 0.2744, 0.3344



81.6095, 0.3290, 0.3022

Square

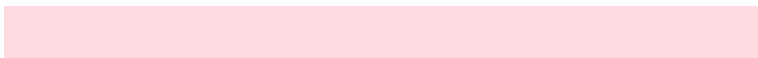
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.6095, 0.2744, 0.3344



81.6095, 0.2790, 0.2852



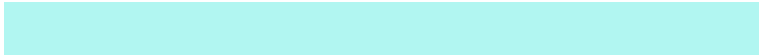
81.6095, 0.3521, 0.3221



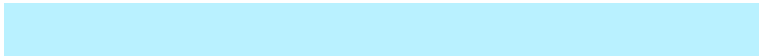
81.6095, 0.3462, 0.3750

Rectangle

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



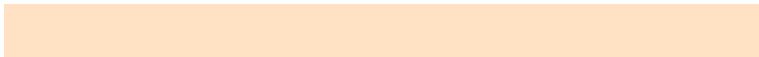
81.6095, 0.2744, 0.3344



81.6095, 0.2633, 0.2973



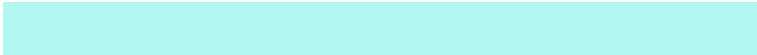
81.6095, 0.3521, 0.3221



81.6095, 0.3646, 0.3580

Sweetspot

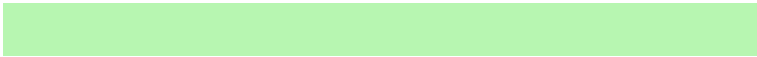
The Sweet Spot groups the original color and five complimentary colors.



81.6128, 0.2744, 0.3344



96.2400, 0.3011, 0.3304



79.1231, 0.3125, 0.4096



20.4576, 0.2990, 0.3307



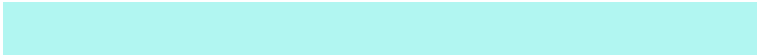
0.0000, 0.0000, 0.0000



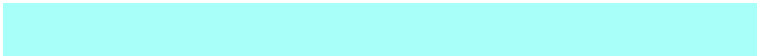
21.4041, 0.3127, 0.3290

Same Dimension

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



81.6128, 0.2744, 0.3344



86.7026, 0.2673, 0.3357



65.7534, 0.2685, 0.2960



18.7360, 0.2990, 0.3307



38.1889, 0.2309, 0.3511



3.3625, 0.2300, 0.3481

Inverse Universe

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



54.4091, 0.3700, 0.3238



52.4531, 0.3875, 0.3227



66.7875, 0.3660, 0.3598



16.5018, 0.3282, 0.3273



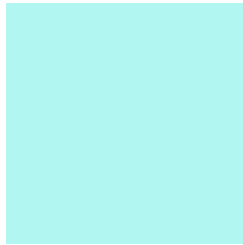
10.4880, 0.6324, 0.3258



0.9284, 0.6144, 0.3158

Previews

White Background



This preview shows how the Yxy color 81.6095, 0.2744, 0.3344 looks on a white background.

Color Contrast Check

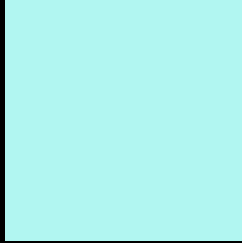
Large Text (above 18pt) WCAG AA × Fail

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 81.6095, 0.2744, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

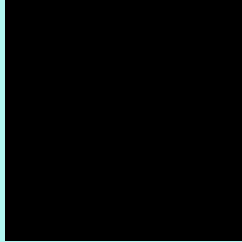
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

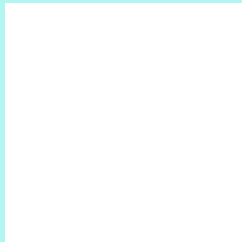
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.6095, 0.2744, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 81.6095, 0.2744, 0.3344.

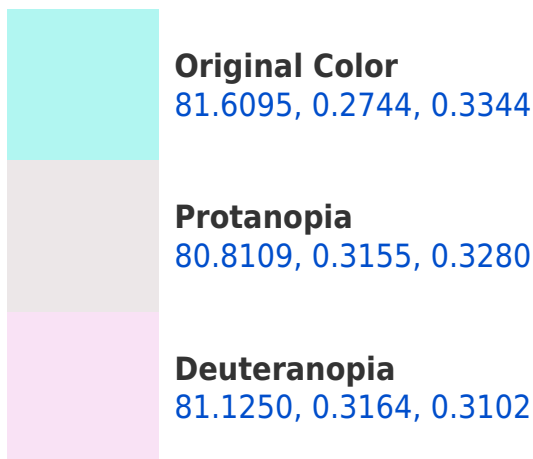


This preview shows how white text looks on a background with the Yxy color 81.6095, 0.2744, 0.3344.

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

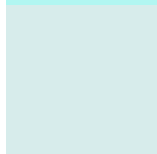
81.2759, 0.2771, 0.3129

Trichromacy



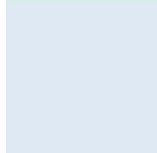
Original Color

81.6095, 0.2744, 0.3344



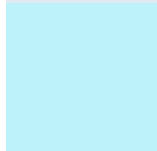
Protanomaly

80.4361, 0.2996, 0.3300



Deuteranomaly

80.4975, 0.2994, 0.3175



Tritanomaly

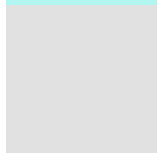
81.2252, 0.2759, 0.3202

Monochromacy



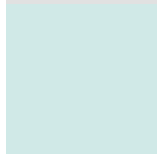
Original Color

81.6095, 0.2744, 0.3344



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.4572, 0.2974, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.6095, 0.2744, 0.3344 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(177, 246, 241)` looks like.

```
.text, #text, p{  
    color:rgb(177, 246, 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(177, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 246, 241) }
```

Border

The CSS property to change the border of an element to Yxy 81.6095, 0.2744, 0.3344 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(177, 246, 241) }
```

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

```
.border{ border-color:rgb(177, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(177, 246,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 81.6095, 0.2744, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 246, 241) }
```

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

```
.background{ background-color: rgb(177,  
246, 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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