

Converting Colors

$Yxy(76.3034, 0.2847, 0.3430)$

Have a look what the booklet for
Yxy(76.3034, 0.2847, 0.3430)
contains.

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Color

Yxy(76.5304, 0.2850, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	B6EEE1
RGB	182, 238, 225
RGB Percent	71%, 93%, 88%
CMY	0.2862, 0.0667, 0.1176
CMYK	0.24, 0.00, 0.05, 0.07
HSL	166°, 62%, 82%
HSV	166°, 24%, 93%
XYZ	63.4599, 76.5304, 82.6760
YIQ	219.7740, -29.2030, -15.9150

Conversions

Conversions Part 2

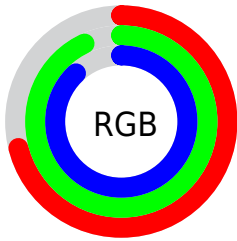
Format	Color
RYB	182, 214, 238
Decimal	11988705
CIELab	90.11, -20.34, 0.48
CIELCh	90, 20.346, 178.651
Yxy	76.5304, 0.2850, 0.3437
Android (android.graphics.Color)	4290178785 (0xFFB6EEE1)
YUV	219.7740, 2.5764, -33.1278
Hunter-Lab	87.4817, -23.6076, 5.2042

Details

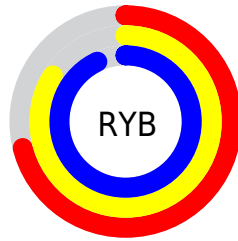
The Yxy color **76.5304, 0.2850, 0.3437** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.5764, 0.3504, 0.3149**, and the grayscale version is **71.4050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **40.9474, 0.2786, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **73.5813, 0.2746, 0.3509**, and if you desaturate by 10%, it is **79.9879, 0.2964, 0.3371**.

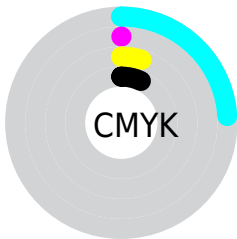
Distribution



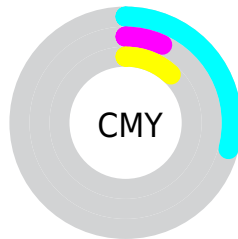
- Red (71%)
- Green (93%)
- Blue (88%)



- Red (71%)
- Yellow (84%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)





- Cyan (29%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5304, 0.2850, 0.3437 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 76.5304, 0.2850, 0.3437 by changing the saturation by 10% instead.


 76.5304, 0.2850,
0.3437

 76.5304, 0.2850,
0.3437


483.1614, 0.2977,
0.3370

 56.8675, 0.2821,
0.3452

 128.4764, 0.2894,
0.3414

 40.8989, 0.2786,
0.3471


161.5283, 0.2911,
0.3405

 28.2401, 0.2741,
0.3495


199.8120, 0.2926,
0.3397

 18.5067, 0.2683,
0.3526

243.7119, 0.2939,
0.3390

 11.3144, 0.2605,
0.3568

293.6124, 0.2950,
0.3384

 6.2787, 0.2494,
0.3627

349.8979, 0.2960,

 3.0153, 0.2323,

0.3379

0.3720

412.9528, 0.2969,
0.3374

■ 1.1397, 0.1949,
0.3919

■ 0.0116, 0.0000,
1.0000

■ 76.5304, 0.2850,
0.3437

■ 76.5304, 0.2850,
0.3437

■ 73.5813, 0.2746,
0.3509

■ 79.9879, 0.2964,
0.3371

■ 71.1064, 0.2653,
0.3586


■ 83.9677, 0.3084,
0.3310


■ 69.0814, 0.2576,
0.3667

■ 88.4946, 0.3208,
0.3255

■ 67.4766, 0.2517,
0.3752


■ 89.1309, 0.3184,
0.3202


 66.2583, 0.2477,
0.3838

 89.4768, 0.3150,
0.3149

 65.3876, 0.2456,
0.3925

 89.6300, 0.3135,
0.3127

 64.8173, 0.2456,
0.4011

 64.5619, 0.2463,
0.4066

Harmonies

Analogous

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



76.5304, 0.3070, 0.3627



76.5304, 0.2850, 0.3437



76.5304, 0.2707, 0.3209

Triad

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



76.5304, 0.2850, 0.3437



76.5304, 0.2933, 0.2897



76.5304, 0.3603, 0.3540

Complementary

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



76.5304, 0.2850, 0.3437



55.5764, 0.3504, 0.3149

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.



76.5304, 0.3566, 0.3345



76.5304, 0.2850, 0.3437



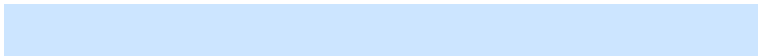
76.5304, 0.3171, 0.2983

Square

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



76.5304, 0.2850, 0.3437



76.5304, 0.2753, 0.2906



76.5304, 0.3405, 0.3144



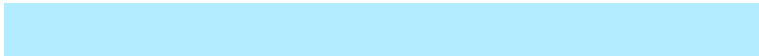
76.5304, 0.3508, 0.3679

Rectangle

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



76.5304, 0.2850, 0.3437



76.5304, 0.2671, 0.3073



76.5304, 0.3405, 0.3144



76.5304, 0.3606, 0.3478

Sweetspot

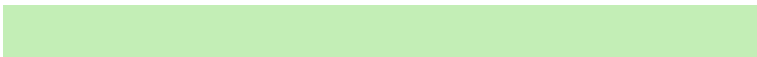
The Sweet Spot groups the original color and five complimentary colors.



76.5335, 0.2850, 0.3437



96.5067, 0.3041, 0.3330



76.1396, 0.3182, 0.3937



20.5951, 0.3034, 0.3334



0.0000, 0.0000, 0.0000



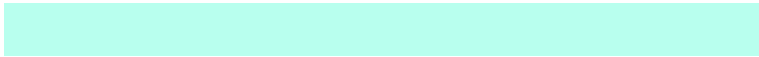
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5335, 0.2850, 0.3437



87.8605, 0.2801, 0.3469



68.9321, 0.2766, 0.3119



17.8626, 0.3012, 0.3345



36.0393, 0.2459, 0.4053



3.0132, 0.2428, 0.3940

Inverse Universe

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



55.5764, 0.3504, 0.3149



59.5522, 0.3601, 0.3120



61.4605, 0.3579, 0.3455



15.8189, 0.3257, 0.3235



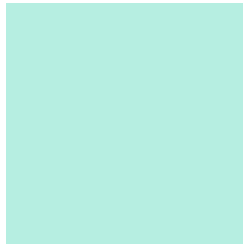
10.3122, 0.5984, 0.3070



0.8727, 0.5620, 0.2870

Previews

White Background



This preview shows how the Yxy color 76.5304, 0.2850, 0.3437 looks on a white background.

Color Contrast Check

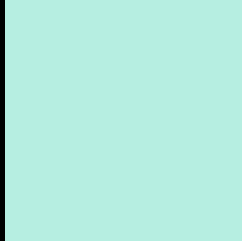
Large Text (above 18pt) WCAG AA × Fail

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 76.5304, 0.2850, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

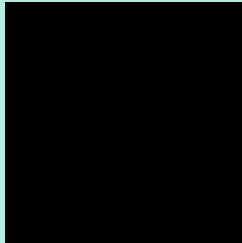
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

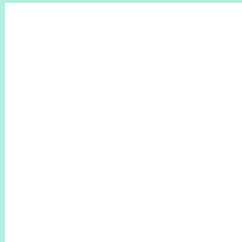
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5304, 0.2850, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 76.5304, 0.2850, 0.3437.

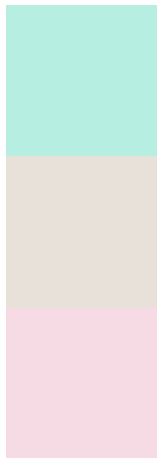


This preview shows how white text looks on a background with the Yxy color 76.5304, 0.2850, 0.3437.

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

76.5304, 0.2850, 0.3437

Protanopia

76.0682, 0.3222, 0.3364

Deuteranopia

75.9130, 0.3254, 0.3188



Tritanopia

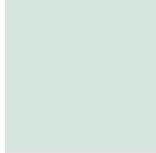
76.6289, 0.2730, 0.3082

Trichromacy



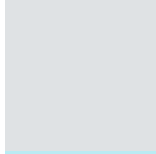
Original Color

76.5304, 0.2850, 0.3437



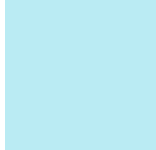
Protanomaly

76.1102, 0.3075, 0.3388



Deuteranomaly

75.6821, 0.3094, 0.3269



Tritanomaly

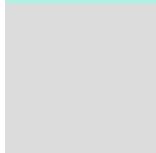
76.3268, 0.2773, 0.3200

Monochromacy



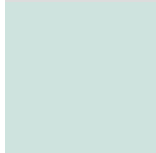
Original Color

76.5304, 0.2850, 0.3437



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.3339, 0.3016, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5304, 0.2850, 0.3437 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(182, 238, 225)` looks like.

```
.text, #text, p{  
    color:rgb(182, 238, 225)  
}
```

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(182, 238, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 238, 225) }
```

Border

The CSS property to change the border of an element to Yxy 76.5304, 0.2850, 0.3437 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(182, 238, 225) }
```

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

```
.border{ border-color:rgb(182, 238, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 238, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 238, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 238, 225);  
box-shadow:4px 4px 4px 4px rgb(182, 238,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5304, 0.2850, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 238, 225) }
```

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

```
.background{ background-color: rgb(182,  
238, 225) }
```

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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