

Converting Colors

$Yxy(76.0084, 0.2906, 0.3555)$

Have a look what the booklet for
Yxy(76.0084, 0.2906, 0.3555)
contains.

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Color

Yxy(76.0005, 0.2906, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	B6EED7
RGB	182, 238, 215
RGB Percent	71%, 93%, 84%
CMY	0.2861, 0.0667, 0.1568
CMYK	0.24, 0.00, 0.10, 0.07
HSL	155°, 62%, 82%
HSV	155°, 24%, 93%
XYZ	62.1433, 76.0005, 75.7011
YIQ	218.6340, -25.9930, -19.0250

Conversions

Conversions Part 2

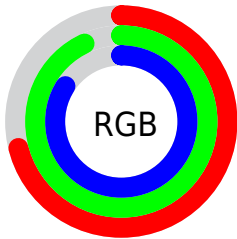
Format	Color
RYB	182, 217, 238
Decimal	11988695
CIELab	89.86, -22.33, 5.34
CIELCh	90, 22.955, 166.553
Yxy	76.0005, 0.2906, 0.3554
Android (android.graphics.Color)	4290178775 (0xFFB6EED7)
YUV	218.6340, -1.7916, -32.1280
Hunter-Lab	87.1783, -25.3217, 9.5404

Details

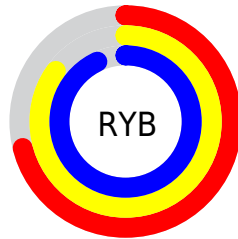
The Yxy color **76.0005, 0.2906, 0.3554** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.0624, 0.3418, 0.3041**, and the grayscale version is **70.6075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **40.5832, 0.2856, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **72.8595, 0.2821, 0.3686**, and if you desaturate by 10%, it is **79.6703, 0.2997, 0.3434**.

Distribution



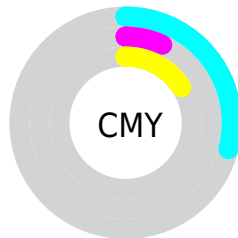
- Red (71%)
- Green (93%)
- Blue (84%)



- Red (71%)
- Yellow (85%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)




- Cyan (29%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0005, 0.2906, 0.3554 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 76.0005, 0.2906, 0.3554 by changing the saturation by 10% instead.


 76.0005, 0.2906,
0.3554

 76.0005, 0.2906,
0.3554

481.3494, 0.3009,
0.3430

 56.4329, 0.2882,
0.3583


 127.7276, 0.2942,
0.3511

 40.5501, 0.2853,
0.3618


160.6559, 0.2956,
0.3494

 27.9677, 0.2816,
0.3663


198.8066, 0.2967,
0.3480

 18.3013, 0.2768,
0.3723

242.5641, 0.2978,
0.3467

 11.1665, 0.2702,
0.3806

292.3127, 0.2987,
0.3456

 6.1790, 0.2605,
0.3927

348.4368, 0.2995,

 2.9542, 0.2454,

0.3447

0.4123

411.3210, 0.3002,
0.3438

■ 1.1079, 0.2039,
0.4586

■ 0.0000, 0.0000,
0.0000

■ 76.0005, 0.2906,
0.3554

■ 76.0005, 0.2906,
0.3554

■ 72.8595, 0.2821,
0.3686

■ 79.6703, 0.2997,
0.3434

■ 70.2123, 0.2747,
0.3828

■ 83.8831, 0.3093,
0.3325

■ 68.0346, 0.2686,
0.3980

■ 88.6640, 0.3191,
0.3228

■ 66.2961, 0.2641,
0.4138

■ 89.5671, 0.3140,
0.3135

■ 64.9626, 0.2616,
0.4299

■ 89.6243, 0.3135,
0.3127

■ 63.9947, 0.2611,
0.4461

■ 63.3449, 0.2626,
0.4619

■ 63.0462, 0.2644,
0.4719

Harmonies

Analogous

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



76.0005, 0.3172, 0.3731



76.0005, 0.2906, 0.3554



76.0005, 0.2705, 0.3301

Triad

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



76.0005, 0.2906, 0.3554



76.0005, 0.2815, 0.2838



76.0005, 0.3668, 0.3485

Complementary

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



76.0005, 0.2906, 0.3554



56.0624, 0.3418, 0.3041

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.



76.0005, 0.3565, 0.3257



76.0005, 0.2906, 0.3554



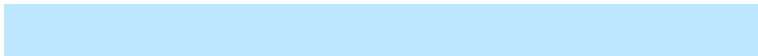
76.0005, 0.3064, 0.2894

Square

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



76.0005, 0.2906, 0.3554



76.0005, 0.2654, 0.2893



76.0005, 0.3340, 0.3045



76.0005, 0.3618, 0.3676

Rectangle

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



76.0005, 0.2906, 0.3554



76.0005, 0.2631, 0.3133



76.0005, 0.3340, 0.3045



76.0005, 0.3650, 0.3410

Sweetspot

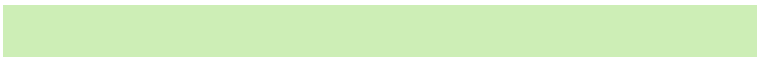
The Sweet Spot groups the original color and five complimentary colors.



76.0036, 0.2906, 0.3554



96.3073, 0.3059, 0.3362



77.5545, 0.3252, 0.3922



20.5488, 0.3053, 0.3369



0.0000, 0.0000, 0.0000



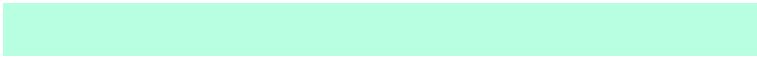
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0036, 0.2906, 0.3554



87.1348, 0.2866, 0.3613



74.5893, 0.2776, 0.3236



17.8128, 0.3036, 0.3389



35.2025, 0.2637, 0.4695



2.9482, 0.2581, 0.4490

Inverse Universe

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



56.0624, 0.3418, 0.3041



60.1747, 0.3493, 0.2990



56.9753, 0.3603, 0.3343



15.8664, 0.3229, 0.3193



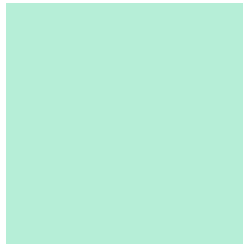
10.6542, 0.5334, 0.2712



0.9056, 0.4990, 0.2523

Previews

White Background



This preview shows how the Yxy color 76.0005, 0.2906, 0.3554 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 76.0005, 0.2906, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

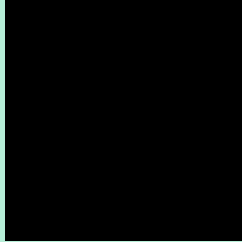
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

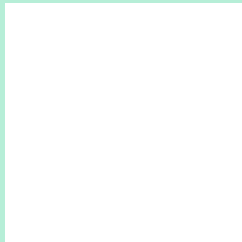
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0005, 0.2906, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 76.0005, 0.2906, 0.3554.

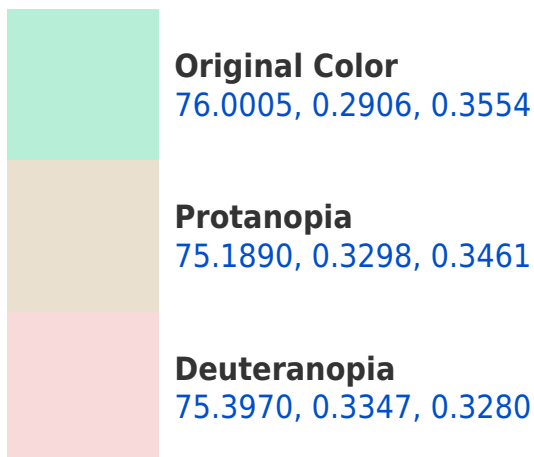


This preview shows how white text looks on a background with the Yxy color 76.0005, 0.2906, 0.3554.

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

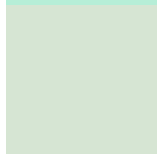
76.0617, 0.2746, 0.3092

Trichromacy



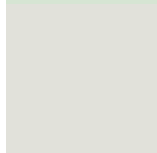
Original Color

76.0005, 0.2906, 0.3554



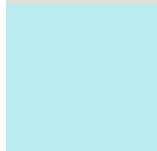
Protanomaly

75.0379, 0.3138, 0.3489



Deuteranomaly

74.9199, 0.3173, 0.3365



Tritanomaly

76.0288, 0.2800, 0.3256

Monochromacy



Original Color

76.0005, 0.2906, 0.3554



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.5765, 0.3041, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0005, 0.2906, 0.3554 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(182, 238, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 238, 215) }
```

Border

The CSS property to change the border of an element to Yxy 76.0005, 0.2906, 0.3554 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, 215) }
```

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

```
.border{ border-color:rgb(182, 238, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 238, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 238, 215);  
box-shadow:4px 4px 4px 4px rgb(182, 238,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0005, 0.2906, 0.3554 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, 215) }
```

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

```
.background{ background-color: rgb(182,  
238, 215) }
```

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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