

Converting Colors

$Y_{xy}(75.0010, 0.3035, 0.3749)$

Have a look what the booklet for
Yxy(75.0010, 0.3035, 0.3749)
contains.

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Color

Yxy(75.0387, 0.3034, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	BAEDC5
RGB	186, 237, 197
RGB Percent	73%, 93%, 77%
CMY	0.2706, 0.0706, 0.2273
CMYK	0.22, 0.00, 0.17, 0.07
HSL	133°, 59%, 83%
HSV	133°, 22%, 93%
XYZ	60.6143, 75.0387, 64.1305
YIQ	217.1910, -17.5560, -23.2520

Conversions

Conversions Part 2

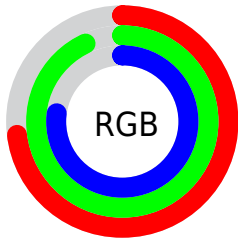
Format	Color
RYB	186, 228, 237
Decimal	12250565
CIELab	89.41, -23.98, 14.10
CIELCh	89, 27.817, 149.555
Yxy	75.0387, 0.3034, 0.3756
Android (android.graphics.Color)	4290440645 (0xFFBAEDC5)
YUV	217.1910, -9.9542, -27.3545
Hunter-Lab	86.6249, -26.6911, 16.7436

Details

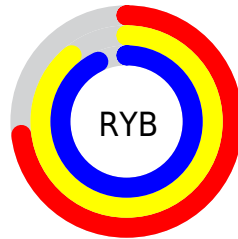
The Yxy color **75.0387, 0.3034, 0.3756** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6121, 0.3236, 0.2865**, and the grayscale version is **69.6074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7304, 0.3059, 0.3300**, and **39.9365, 0.3010, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **71.5157, 0.2993, 0.4013**, and if you desaturate by 10%, it is **79.1653, 0.3077, 0.3524**.

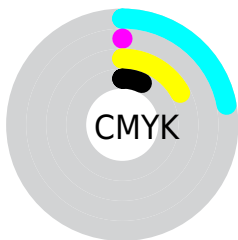
Distribution



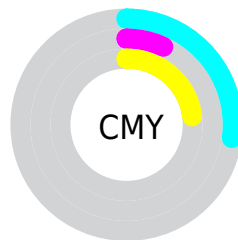
- Red (73%)
- Green (93%)
- Blue (77%)



- Red (73%)
- Yellow (89%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0387, 0.3034, 0.3756 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 75.0387, 0.3034, 0.3756 by changing the saturation by 10% instead.


 75.0387, 0.3034,
0.3756

 75.0387, 0.3034,
0.3756

478.0506, 0.3080,
0.3534

 55.6446, 0.3023,
0.3808

 126.3671, 0.3051,
0.3678

 39.9180, 0.3008,
0.3873


159.0703, 0.3057,
0.3648

 27.4747, 0.2989,
0.3957


196.9785, 0.3062,
0.3622

 17.9300, 0.2962,
0.4069

240.4763, 0.3067,
0.3600

 10.8998, 0.2924,
0.4226

289.9480, 0.3071,
0.3580

 5.9995, 0.2864,
0.4459


345.7780, 0.3075,

 2.8448, 0.2757,


0.3563

0.4844


408.3507, 0.3078,
0.3548


 1.0512, 0.2522,
0.6550


 0.0000, 0.0000,
0.0000


 75.0387, 0.3034,
0.3756


 75.0387, 0.3034,
0.3756


 71.5157, 0.2993,
0.4013

 79.1653, 0.3077,
0.3524


 68.5587, 0.2955,
0.4293

 83.9120, 0.3121,
0.3319

 66.1404, 0.2925,
0.4587

 88.9063, 0.3149,
0.3138

 64.2278, 0.2905,
0.4886

 89.0501, 0.3135,
0.3117

■ 62.7839, 0.2896,
0.5175

■ 61.7664, 0.2902,
0.5435

■ 61.1253, 0.2921,
0.5651

■ 60.8115, 0.2943,
0.5793

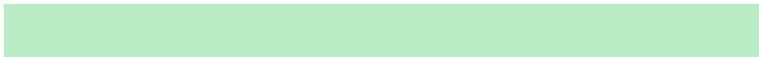
Harmonies

Analogous

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



75.0387, 0.3365, 0.3882



75.0387, 0.3034, 0.3756



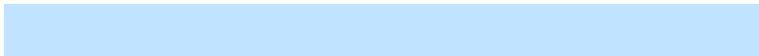
75.0387, 0.2739, 0.3483

Triad

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



75.0387, 0.3034, 0.3756



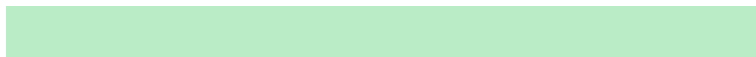
75.0387, 0.2623, 0.2764



75.0387, 0.3738, 0.3366

Complementary

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



75.0387, 0.3034, 0.3756



58.6121, 0.3236, 0.2865

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.



75.0387, 0.3518, 0.3097



75.0387, 0.3034, 0.3756



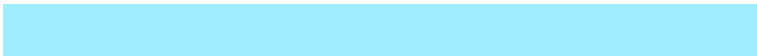
75.0387, 0.2868, 0.2760

Square

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



75.0387, 0.3034, 0.3756



75.0387, 0.2511, 0.2904



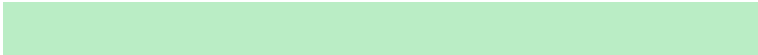
75.0387, 0.3195, 0.2881



75.0387, 0.3783, 0.3631

Rectangle

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



75.0387, 0.3034, 0.3756



75.0387, 0.2599, 0.3268



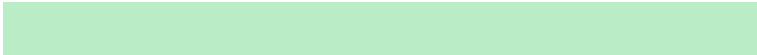
75.0387, 0.3195, 0.2881



75.0387, 0.3682, 0.3274

Sweetspot

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



75.0419, 0.3034, 0.3756



96.4644, 0.3101, 0.3408



80.4141, 0.3379, 0.3840



20.5685, 0.3098, 0.3422



0.0000, 0.0000, 0.0000



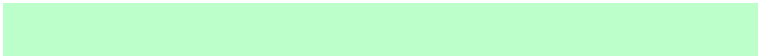
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0419, 0.3034, 0.3756



86.6142, 0.3015, 0.3871



76.2671, 0.2892, 0.3463



16.9155, 0.3086, 0.3480



33.2156, 0.2936, 0.5769



2.6222, 0.2866, 0.5517

Inverse Universe

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



58.6121, 0.3236, 0.2865



63.8568, 0.3264, 0.2772



57.3539, 0.3435, 0.3124



15.2547, 0.3171, 0.3107



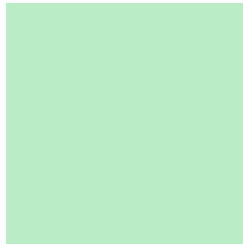
11.7794, 0.3844, 0.1891



0.9388, 0.3739, 0.1833

Previews

White Background



This preview shows how the Yxy color 75.0387, 0.3034, 0.3756 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 75.0387, 0.3034, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

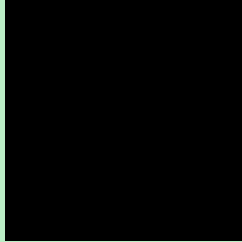
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

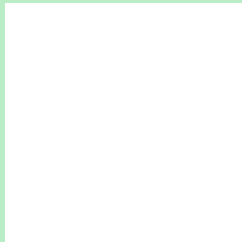
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0387, 0.3034, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 75.0387, 0.3034, 0.3756.

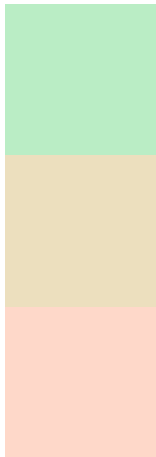


This preview shows how white text looks on a background with the Yxy color 75.0387, 0.3034, 0.3756.

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

75.0387, 0.3034, 0.3756

Protanopia

74.3259, 0.3446, 0.3644

Deuteranopia

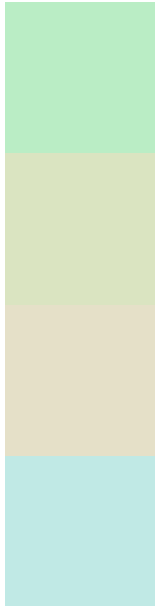
74.3996, 0.3517, 0.3445



Tritanopia

74.9730, 0.2794, 0.3093

Trichromacy



Original Color

75.0387, 0.3034, 0.3756

Protanomaly

74.2425, 0.3284, 0.3679

Deuteranomaly

74.1395, 0.3323, 0.3550

Tritanomaly

75.1414, 0.2885, 0.3334

Monochromacy



Original Color

75.0387, 0.3034, 0.3756

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

71.0863, 0.3092, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0387, 0.3034, 0.3756 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, 237, 197)` looks like.

```
.text, #text, p{  
    color:rgb(186, 237, 197)  
}
```

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, 237, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 237, 197) }
```

Border

The CSS property to change the border of an element to Yxy 75.0387, 0.3034, 0.3756 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, 237, 197) }
```

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

```
.border{ border-color:rgb(186, 237, 197) }
```

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

Here you see how a box with a 4 pixel rgb(186, 237, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 237, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 237, 197);  
box-shadow:4px 4px 4px 4px rgb(186, 237,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0387, 0.3034, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 237, 197) }
```

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

```
.background{ background-color: rgb(186,  
237, 197) }
```

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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