

Converting Colors

$Yxy(65.2025, 0.3032, 0.3783)$

Have a look what the booklet for
Yxy(65.2025, 0.3032, 0.3783)
contains.

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Color

Yxy(65.0785, 0.3036, 0.3787)

Conversions

Conversions Part 1

Format	Color
Hex	ADDFB7
RGB	173, 223, 183
RGB Percent	68%, 87%, 72%
CMY	0.3214, 0.1255, 0.2825
CMYK	0.22, 0.00, 0.18, 0.13
HSL	132°, 44%, 78%
HSV	132°, 22%, 87%
XYZ	52.1728, 65.0785, 54.5958
YIQ	203.4900, -16.9600, -23.0400

Conversions

Conversions Part 2

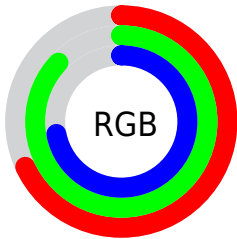
Format	Color
RYB	173, 215, 223
Decimal	11394999
CIELab	84.52, -23.90, 14.43
CIELCh	85, 27.919, 148.885
Yxy	65.0785, 0.3036, 0.3787
Android (android.graphics.Color)	4289585079 (0xFFADD7B7)
YUV	203.4900, -10.1016, -26.7397
Hunter-Lab	80.6712, -25.7328, 16.3442

Details

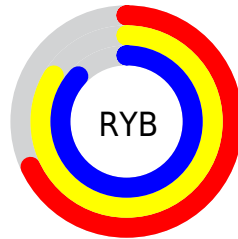
The Yxy color **65.0785, 0.3036, 0.3787** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.3984, 0.3234, 0.2839**, and the grayscale version is **60.1229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4100, 0.3058, 0.3451**, and **33.6100, 0.3010, 0.3925** is the 20% darker color. If you saturate the color by 10%, you get **62.0496, 0.2997, 0.4051**, and if you desaturate by 10%, it is **68.6316, 0.3077, 0.3549**.

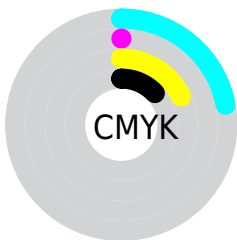
Distribution



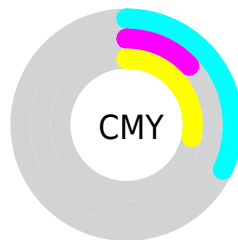
- Red (68%)
- Green (87%)
- Blue (72%)



- Red (68%)
- Yellow (84%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)




- Cyan (32%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0785, 0.3036, 0.3787 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 65.0785, 0.3036, 0.3787 by changing the saturation by 10% instead.

 65.0785, 0.3036,
0.3787

 65.0785, 0.3036,
0.3787


443.0740, 0.3083,
0.3544

 47.5247, 0.3024,
0.3846


 112.1627, 0.3053,
0.3700

 33.4507, 0.3008,
0.3920


142.4619, 0.3060,
0.3667

 22.4719, 0.2987,
0.4018


177.7785, 0.3065,
0.3639

 14.2041, 0.2957,
0.4151

218.4966, 0.3070,
0.3615

 8.2627, 0.2912,
0.4342

265.0009, 0.3074,
0.3594

 4.2635, 0.2836,
0.4640

317.6756, 0.3077,

 1.8220, 0.2701,

0.3575

0.5186

376.9052, 0.3080,
0.3559

■ 0.5009, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0785, 0.3036,
0.3787

■ 65.0785, 0.3036,
0.3787

■ 62.0496, 0.2997,
0.4051

■ 68.6316, 0.3077,
0.3549

■ 59.5121, 0.2962,
0.4338

■ 72.7237, 0.3117,
0.3337

■ 57.4423, 0.2934,
0.4638

■ 77.3789, 0.3157,
0.3151

■ 55.8109, 0.2915,
0.4941

■ 81.2184, 0.3145,
0.2985

■ 54.5856, 0.2908,
0.5230

■ 81.2544, 0.3142,
0.2980

■ 53.7292, 0.2914,
0.5487

■ 53.1976, 0.2932,
0.5696

■ 52.9588, 0.2949,
0.5818

Harmonies

Analogous

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



65.0785, 0.3384, 0.3915



65.0785, 0.3036, 0.3787



65.0785, 0.2724, 0.3500

Triad

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



65.0785, 0.3036, 0.3787



65.0785, 0.2593, 0.2739



65.0785, 0.3767, 0.3362

Complementary

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



65.0785, 0.3036, 0.3787



50.3984, 0.3234, 0.2839

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.



65.0785, 0.3532, 0.3081



65.0785, 0.3036, 0.3787



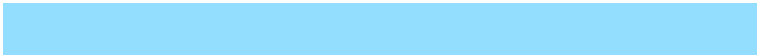
65.0785, 0.2847, 0.2733

Square

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



65.0785, 0.3036, 0.3787



65.0785, 0.2480, 0.2888



65.0785, 0.3190, 0.2857



65.0785, 0.3818, 0.3641

Rectangle

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



65.0785, 0.3036, 0.3787



65.0785, 0.2576, 0.3273



65.0785, 0.3190, 0.2857



65.0785, 0.3707, 0.3265

Sweetspot

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



65.0812, 0.3036, 0.3787



95.8832, 0.3099, 0.3432



70.0652, 0.3395, 0.3860



20.4507, 0.3096, 0.3445



0.0000, 0.0000, 0.0000



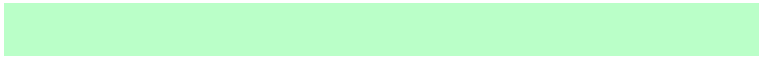
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0812, 0.3036, 0.3787



86.1404, 0.3017, 0.3911



66.1772, 0.2888, 0.3481



15.3816, 0.3089, 0.3483



31.1523, 0.2944, 0.5797



2.1720, 0.2866, 0.5517

Inverse Universe

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



50.3984, 0.3234, 0.2839



62.8106, 0.3261, 0.2740



49.2590, 0.3442, 0.3108



13.8865, 0.3168, 0.3104



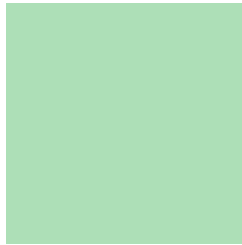
11.1465, 0.3784, 0.1858



0.7847, 0.3679, 0.1800

Previews

White Background



This preview shows how the Yxy color 65.0785, 0.3036, 0.3787 looks on a white background.

Color Contrast Check

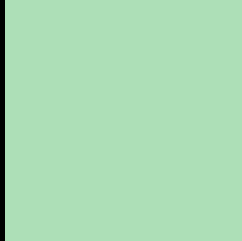
Large Text (above 18pt) WCAG AA × Fail

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 65.0785, 0.3036, 0.3787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

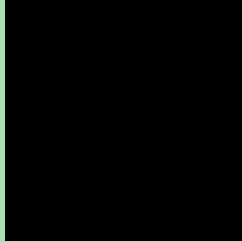
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

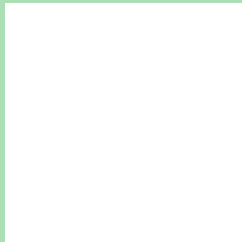
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0785, 0.3036, 0.3787

Background



This preview shows how black text looks on a background with the Yxy color 65.0785, 0.3036, 0.3787.



This preview shows how white text looks on a background with the Yxy color 65.0785, 0.3036, 0.3787.

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

65.0785, 0.3036, 0.3787

Protanopia

64.7574, 0.3464, 0.3677

Deuteranopia

64.6505, 0.3533, 0.3465



Tritanopia

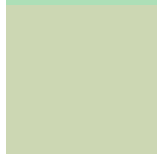
64.9400, 0.2788, 0.3092

Trichromacy



Original Color

65.0785, 0.3036, 0.3787



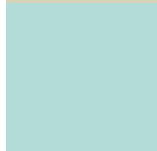
Protanomaly

64.6929, 0.3293, 0.3715



Deuteranomaly

64.0854, 0.3336, 0.3567



Tritanomaly

65.1530, 0.2878, 0.3337

Monochromacy



Original Color

65.0785, 0.3036, 0.3787



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.2852, 0.3090, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0785, 0.3036, 0.3787 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(173, 223, 183)` looks like.

```
.text, #text, p{  
    color:rgb(173, 223, 183)  
}
```

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(173, 223, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 223, 183) }
```

Border

The CSS property to change the border of an element to Yxy 65.0785, 0.3036, 0.3787 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(173, 223, 183) }
```

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

```
.border{ border-color:rgb(173, 223, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 223, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 223, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 223, 183); box-shadow:4px 4px 4px 4px rgb(173, 223, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0785, 0.3036, 0.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 223, 183) }
```

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

```
.background{ background-color: rgb(173,  
223, 183) }
```

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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