

Converting Colors

$Yxy(65.3254, 0.3086, 0.3716)$

Have a look what the booklet for
Yxy(65.3254, 0.3086, 0.3716)
contains.

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Color

Yxy(65.3254, 0.3086, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	B7DDBA
RGB	183, 221, 186
RGB Percent	72%, 87%, 73%
CMY	0.2823, 0.1333, 0.2705
CMYK	0.17, 0.00, 0.16, 0.13
HSL	125°, 36%, 79%
HSV	125°, 17%, 87%
XYZ	54.2503, 65.3254, 56.2192
YIQ	205.6480, -11.4130, -18.9410

Conversions

Conversions Part 2

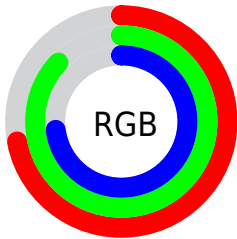
Format	Color
RYB	183, 218, 221
Decimal	12049850
CIELab	84.65, -19.09, 13.09
CIELCh	85, 23.142, 145.563
Yxy	65.3254, 0.3086, 0.3716
Android (android.graphics.Color)	4290239930 (0xFFB7DDBA)
YUV	205.6480, -9.6865, -19.8623
Hunter-Lab	80.8241, -21.6305, 15.3363

Details

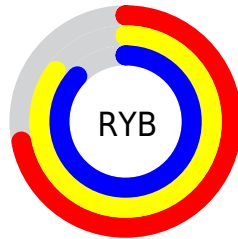
The Yxy color **65.3254, 0.3086, 0.3716** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.3012, 0.3170, 0.2898**, and the grayscale version is **61.5561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2815, 0.3103, 0.3419**, and **33.7117, 0.3075, 0.3828** is the 20% darker color. If you saturate the color by 10%, you get **62.0229, 0.3061, 0.4006**, and if you desaturate by 10%, it is **69.1821, 0.3110, 0.3457**.

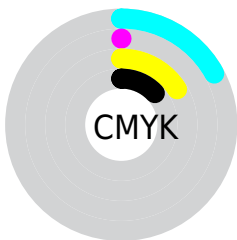
Distribution



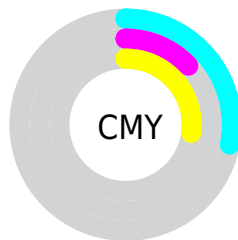
- Red (72%)
- Green (87%)
- Blue (73%)



- Red (72%)
- Yellow (85%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3254, 0.3086, 0.3716 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 65.3254, 0.3086, 0.3716 by changing the saturation by 10% instead.


 65.3254, 0.3086,
0.3716

 65.3254, 0.3086,
0.3716


443.9604, 0.3108,
0.3509

 47.7250, 0.3080,
0.3766


 112.5176, 0.3094,
0.3642

 33.6091, 0.3072,
0.3829


142.8781, 0.3098,
0.3614

 22.5935, 0.3061,
0.3911


178.2608, 0.3100,
0.3590

 14.2936, 0.3045,
0.4022

219.0500, 0.3102,
0.3570

 8.3252, 0.3021,
0.4182

265.6302, 0.3104,
0.3552

 4.3037, 0.2978,
0.4428

318.3857, 0.3106,

 1.8449, 0.2894,

0.3536

0.4863

377.7010, 0.3107,
0.3522

0.5149, 0.0436,
0.9564

0.0000, 0.0000,
0.0000

65.3254, 0.3086,
0.3716

65.3254, 0.3086,
0.3716

62.0229, 0.3061,
0.4006

69.1821, 0.3110,
0.3457

59.2412, 0.3037,
0.4324

73.6081, 0.3134,
0.3229

56.9564, 0.3014,
0.4658

78.6281, 0.3155,
0.3032

55.1389, 0.2996,
0.4995

80.1942, 0.3143,
0.2960

■ 53.7565, 0.2983,
0.5313

■ 52.7726, 0.2977,
0.5588

■ 52.1446, 0.2979,
0.5798

■ 51.8173, 0.2987,
0.5931

■ 51.7566, 0.2988,
0.5956

Harmonies

Analogous

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



65.3254, 0.3373, 0.3806



65.3254, 0.3086, 0.3716



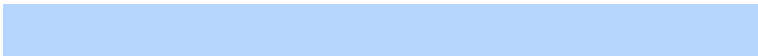
65.3254, 0.2819, 0.3494

Triad

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



65.3254, 0.3086, 0.3716



65.3254, 0.2665, 0.2839



65.3254, 0.3641, 0.3327

Complementary

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



65.3254, 0.3086, 0.3716



54.3012, 0.3170, 0.2898

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.



65.3254, 0.3434, 0.3093



65.3254, 0.3086, 0.3716



65.3254, 0.2868, 0.2818

Square

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



65.3254, 0.3086, 0.3716



65.3254, 0.2583, 0.2980



65.3254, 0.3148, 0.2911



65.3254, 0.3702, 0.3563

Rectangle

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



65.3254, 0.3086, 0.3716



65.3254, 0.2685, 0.3310



65.3254, 0.3148, 0.2911



65.3254, 0.3586, 0.3246

Sweetspot

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



65.3282, 0.3086, 0.3716



96.9286, 0.3115, 0.3405



70.1111, 0.3365, 0.3718



20.6578, 0.3114, 0.3422



0.0000, 0.0000, 0.0000



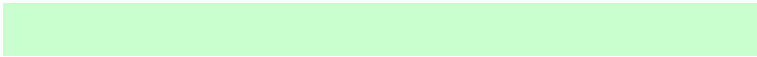
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3282, 0.3086, 0.3716



88.4424, 0.3076, 0.3828



66.1672, 0.2969, 0.3486



14.6230, 0.3105, 0.3512



30.0720, 0.2985, 0.5945



1.9542, 0.2941, 0.5787

Inverse Universe

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



54.3012, 0.3170, 0.2898



70.1917, 0.3182, 0.2805



53.3858, 0.3319, 0.3102



13.2560, 0.3150, 0.3078



11.4536, 0.3419, 0.1657



0.7474, 0.3381, 0.1636

Previews

White Background



This preview shows how the Yxy color 65.3254, 0.3086, 0.3716 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 65.3254, 0.3086, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

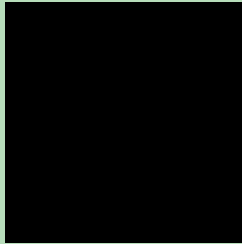
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

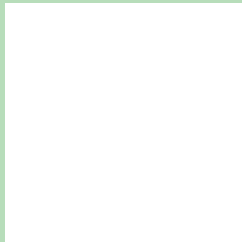
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3254, 0.3086, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 65.3254, 0.3086, 0.3716.



This preview shows how white text looks on a background with the Yxy color 65.3254, 0.3086, 0.3716.

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

65.3254, 0.3086, 0.3716

Protanopia

64.8015, 0.3419, 0.3620

Deuteranopia

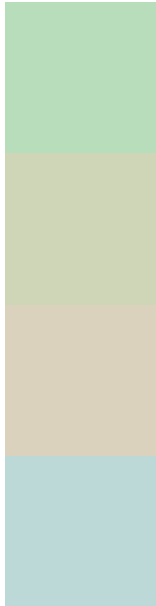
64.7803, 0.3510, 0.3432



Tritanopia

65.5034, 0.2851, 0.3095

Trichromacy



Original Color

65.3254, 0.3086, 0.3716

Protanomaly

64.7774, 0.3289, 0.3653

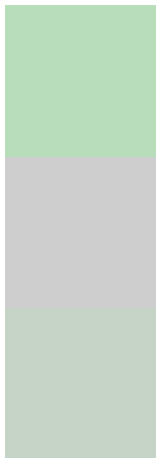
Deuteranomaly

64.8274, 0.3345, 0.3529

Tritanomaly

65.2234, 0.2937, 0.3313

Monochromacy



Original Color

65.3254, 0.3086, 0.3716

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.7178, 0.3113, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3254, 0.3086, 0.3716 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(183, 221, 186)` looks like.

```
.text, #text, p{  
    color:rgb(183, 221, 186)  
}
```

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(183, 221, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 221, 186) }
```

Border

The CSS property to change the border of an element to Yxy 65.3254, 0.3086, 0.3716 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(183, 221, 186) }
```

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

```
.border{ border-color:rgb(183, 221, 186) }
```

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

Here you see how a box with a 4 pixel rgb(183, 221, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 221, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 221, 186);  
box-shadow:4px 4px 4px 4px rgb(183, 221,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3254, 0.3086, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 221, 186) }
```

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

```
.background{ background-color: rgb(183,  
221, 186) }
```

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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