

Converting Colors

$Yxy(65.0690, 0.3261, 0.4033)$

Have a look what the booklet for
Yxy(65.0690, 0.3261, 0.4033)
contains.

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Color

Yxy(65.1300, 0.3260, 0.4040)

Conversions

Conversions Part 1

Format	Color
Hex	B9DEA1
RGB	185, 222, 161
RGB Percent	73%, 87%, 63%
CMY	0.2747, 0.1294, 0.3686
CMYK	0.17, 0.00, 0.27, 0.13
HSL	96°, 48%, 75%
HSV	96°, 27%, 87%
XYZ	52.5554, 65.1300, 43.5275
YIQ	203.9830, -2.4710, -26.8150

Conversions

Conversions Part 2

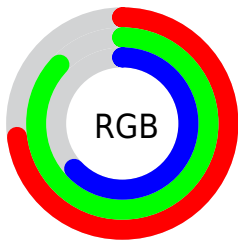
Format	Color
RYB	161, 222, 198
Decimal	12181153
CIELab	84.55, -23.02, 26.03
CIELCh	85, 34.749, 131.486
Yxy	65.1300, 0.3260, 0.4040
Android (android.graphics.Color)	4290371233 (0xFFB9DEA1)
YUV	203.9830, -21.1906, -16.6481
Hunter-Lab	80.7032, -24.9880, 24.5140

Details

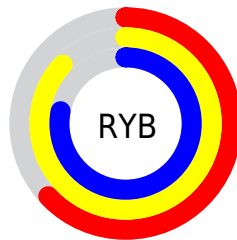
The Yxy color **65.1300, 0.3260, 0.4040** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.7870, 0.2952, 0.2565**, and the grayscale version is **60.5075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3551, 0.3273, 0.3681**, and **33.5669, 0.3280, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **62.8194, 0.3300, 0.4349**, and if you desaturate by 10%, it is **67.7444, 0.3214, 0.3747**.

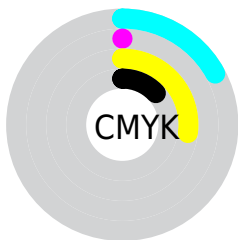
Distribution



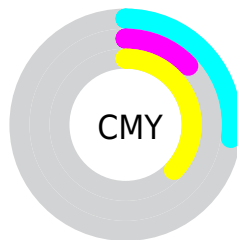
- Red (73%)
- Green (87%)
- Blue (63%)



- Red (63%)
- Yellow (87%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1300, 0.3260, 0.4040 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 65.1300, 0.3260, 0.4040 by changing the saturation by 10% instead.

 65.1300, 0.3260,
0.4040

 65.1300, 0.3260,
0.4040

443.2590, 0.3205,
0.3673

 47.5665, 0.3270,
0.4129


 112.2367, 0.3243,
0.3909

 33.4837, 0.3281,
0.4241

 142.5488, 0.3236,
0.3859

 22.4973, 0.3293,
0.4387


177.8791, 0.3229,
0.3816

 14.2227, 0.3303,
0.4585

218.6121, 0.3223,
0.3779

 8.2757, 0.3308,
0.4865

265.1322, 0.3218,
0.3748

 4.2719, 0.3290,
0.5287

317.8238, 0.3214,

 1.8268, 0.3481,

0.3720

0.6519

377.0713, 0.3209,
0.3695

0.5038, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.1300, 0.3260,
0.4040

65.1300, 0.3260,
0.4040

62.8194, 0.3300,
0.4349

67.7444, 0.3214,
0.3747

60.7925, 0.3330,
0.4663

70.6653, 0.3165,
0.3476

59.0394, 0.3347,
0.4970

73.9058, 0.3114,
0.3230


57.5463, 0.3347,
0.5253


77.4760, 0.3065,
0.3009


 56.2982, 0.3328,
0.5493

 80.2396, 0.3124,
0.2968

 55.2777, 0.3290,
0.5676

 80.7299, 0.3142,
0.2970

 54.4631, 0.3238,
0.5797

 54.2826, 0.3225,
0.5822

Harmonies

Analogous

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



65.1300, 0.3666, 0.4048



65.1300, 0.3260, 0.4040



65.1300, 0.2836, 0.3783

Triad

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



65.1300, 0.3260, 0.4040



65.1300, 0.2368, 0.2692



65.1300, 0.3779, 0.3168

Complementary

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



65.1300, 0.3260, 0.4040



42.7870, 0.2952, 0.2565

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.



65.1300, 0.3389, 0.2862



65.1300, 0.3260, 0.4040



65.1300, 0.2581, 0.2590

Square

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



65.1300, 0.3260, 0.4040



65.1300, 0.2341, 0.2966



65.1300, 0.2947, 0.2655



65.1300, 0.3983, 0.3518

Rectangle

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



65.1300, 0.3260, 0.4040



65.1300, 0.2600, 0.3514



65.1300, 0.2947, 0.2655



65.1300, 0.3663, 0.3058

Sweetspot

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



65.1328, 0.3260, 0.4040



96.4798, 0.3168, 0.3492



58.3185, 0.3610, 0.3715



20.5158, 0.3175, 0.3531



0.0000, 0.0000, 0.0000



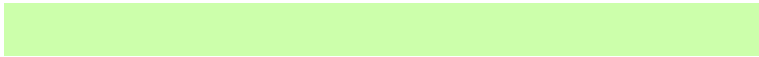
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1328, 0.3260, 0.4040



87.2745, 0.3284, 0.4217



62.6233, 0.3053, 0.3998



15.5983, 0.3175, 0.3528



32.2983, 0.3235, 0.5813



2.2895, 0.3357, 0.5717

Inverse Universe

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



42.7870, 0.2952, 0.2565



51.8146, 0.2905, 0.2401



45.9816, 0.3211, 0.2672



13.6532, 0.3076, 0.3054



6.2519, 0.2252, 0.1014



0.4847, 0.2397, 0.1094

Previews

White Background



This preview shows how the Yxy color 65.1300, 0.3260, 0.4040 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 65.1300, 0.3260, 0.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

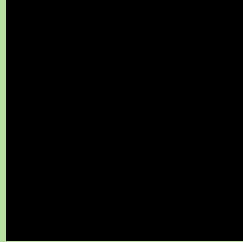
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1300, 0.3260, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 65.1300, 0.3260, 0.4040.

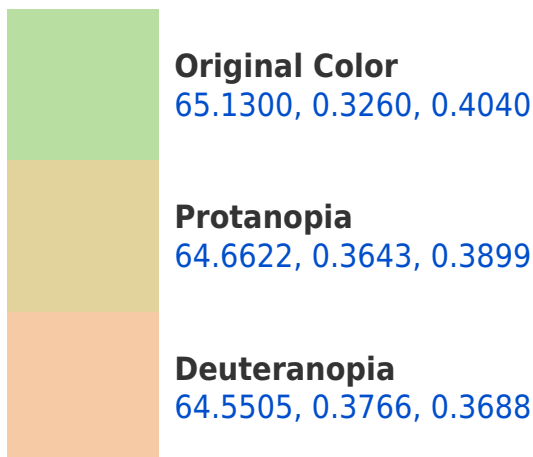


This preview shows how white text looks on a background with the Yxy color 65.1300, 0.3260, 0.4040.

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

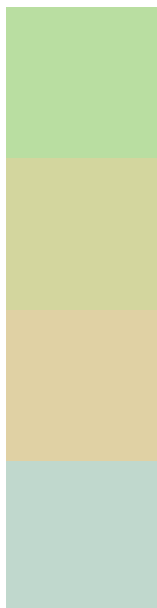




Tritanopia

65.0374, 0.2896, 0.3096

Trichromacy



Original Color

65.1300, 0.3260, 0.4040

Protanomaly

64.4106, 0.3496, 0.3945

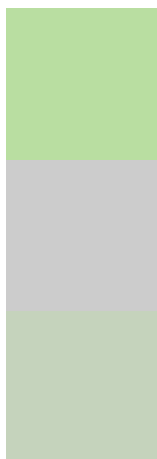
Deuteranomaly

64.1286, 0.3571, 0.3801

Tritanomaly

64.7260, 0.3028, 0.3420

Monochromacy



Original Color

65.1300, 0.3260, 0.4040

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

62.0897, 0.3181, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1300, 0.3260, 0.4040 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(185, 222, 161)` looks like.

```
.text, #text, p{  
    color:rgb(185, 222, 161)  
}
```

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(185, 222, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 222, 161) }
```

Border

The CSS property to change the border of an element to Yxy 65.1300, 0.3260, 0.4040 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(185, 222, 161) }
```

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

```
.border{ border-color:rgb(185, 222, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 222, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 222, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 222, 161); box-shadow:4px 4px 4px 4px rgb(185, 222, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1300, 0.3260, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 222, 161) }
```

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

```
.background{ background-color: rgb(185,  
222, 161) }
```

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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