

Converting Colors

$Yxy(65.3097, 0.3027, 0.3552)$

Have a look what the booklet for
Yxy(65.3097, 0.3027, 0.3552)
contains.

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Color

Yxy(65.0545, 0.3024, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	B9DBC6
RGB	185, 219, 198
RGB Percent	73%, 86%, 78%
CMY	0.2744, 0.1412, 0.2234
CMYK	0.16, 0.00, 0.10, 0.14
HSL	143°, 32%, 79%
HSV	143°, 16%, 86%
XYZ	55.5406, 65.0545, 63.0709
YIQ	206.4400, -13.5230, -13.7390

Conversions

Conversions Part 2

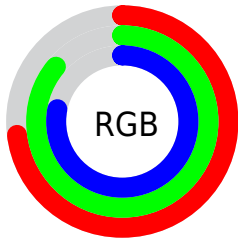
Format	Color
R _{YB}	185, 210, 219
Decimal	12180422
CIE Lab	84.51, -15.22, 6.58
CIE LCh	85, 16.583, 156.635
Yxy	65.0545, 0.3024, 0.3542
Android (android.graphics.Color)	4290370502 (0xFFB9DBC6)
YUV	206.4400, -4.1609, -18.8029
Hunter-Lab	80.6564, -18.2322, 10.0964

Details

The Yxy color **65.0545, 0.3024, 0.3542** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2285, 0.3247, 0.3051**, and the grayscale version is **62.0580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **33.4701, 0.3002, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **61.9429, 0.2960, 0.3729**, and if you desaturate by 10%, it is **68.6468, 0.3090, 0.3374**.

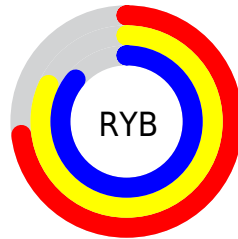
Distribution



Red (73%)

Green (86%)

Blue (78%)



Red (73%)

Yellow (82%)

Blue (86%)

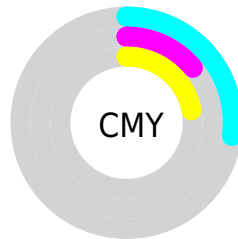


Cyan (16%)

Magenta (0%)

Yellow (10%)

Black (14%)



Cyan (27%)


Magenta (14%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0545, 0.3024, 0.3542 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 65.0545, 0.3024, 0.3542 by changing the saturation by 10% instead.


 65.0545, 0.3024,
0.3542

 65.0545, 0.3024,
0.3542


442.9878, 0.3074,
0.3421

 47.5053, 0.3012,
0.3571


 112.1282, 0.3042,
0.3499

 33.4353, 0.2997,
0.3607


142.4215, 0.3048,
0.3483

 22.4601, 0.2977,
0.3655


177.7316, 0.3054,
0.3468

 14.1954, 0.2951,
0.3719

218.4428, 0.3059,
0.3456

 8.2567, 0.2913,
0.3809

264.9397, 0.3064,
0.3446

 4.2596, 0.2855,
0.3949

317.6065, 0.3067,

 1.8198, 0.2754,

0.3436

0.4190

376.8278, 0.3071,
0.3428

0.4995, 0.1502,
0.7274

0.0000, 0.0000,
0.0000

65.0545, 0.3024,
0.3542

65.0545, 0.3024,
0.3542

61.9429, 0.2960,
0.3729

68.6468, 0.3090,
0.3374

59.2832, 0.2901,
0.3935

72.7309, 0.3157,
0.3225

57.0561, 0.2850,
0.4158

77.3278, 0.3223,
0.3094

55.2374, 0.2810,
0.4393

78.9555, 0.3163,
0.2967

■ 53.8007, 0.2785,
0.4635

■ 79.1400, 0.3144,
0.2940

■ 52.7163, 0.2778,
0.4875

■ 51.9498, 0.2788,
0.5103

■ 51.4593, 0.2817,
0.5311

■ 51.2967, 0.2833,
0.5397

Harmonies

Analogous

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



65.0545, 0.3232, 0.3645



65.0545, 0.3024, 0.3542



65.0545, 0.2847, 0.3365

Triad

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



65.0545, 0.3024, 0.3542



65.0545, 0.2839, 0.2947



65.0545, 0.3524, 0.3386

Complementary

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



65.0545, 0.3024, 0.3542



54.2285, 0.3247, 0.3051

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.



65.0545, 0.3411, 0.3209



65.0545, 0.3024, 0.3542



65.0545, 0.3012, 0.2962

Square

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



65.0545, 0.3024, 0.3542



65.0545, 0.2743, 0.3022



65.0545, 0.3222, 0.3056



65.0545, 0.3525, 0.3545

Rectangle

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



65.0545, 0.3024, 0.3542



65.0545, 0.2770, 0.3235



65.0545, 0.3222, 0.3056



65.0545, 0.3498, 0.3327

Sweetspot

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



65.0572, 0.3024, 0.3542



97.1648, 0.3093, 0.3367



67.3640, 0.3265, 0.3684



20.7150, 0.3089, 0.3378



0.0000, 0.0000, 0.0000



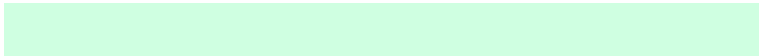
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0572, 0.3024, 0.3542



90.1616, 0.3000, 0.3608



65.8577, 0.2921, 0.3343



14.6883, 0.3064, 0.3438



30.4381, 0.2825, 0.5369



1.9884, 0.2733, 0.5037

Inverse Universe

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



54.2285, 0.3247, 0.3051



71.7511, 0.3280, 0.2992



53.4707, 0.3380, 0.3238



13.1860, 0.3196, 0.3147



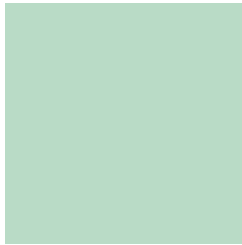
9.9928, 0.4462, 0.2232



0.6640, 0.4204, 0.2090

Previews

White Background



This preview shows how the Yxy color 65.0545, 0.3024, 0.3542 looks on a white background.

Color Contrast Check

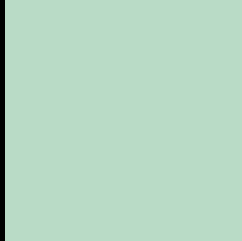
Large Text (above 18pt) WCAG AA × Fail

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 65.0545, 0.3024, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

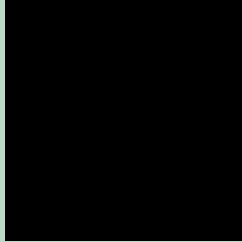
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

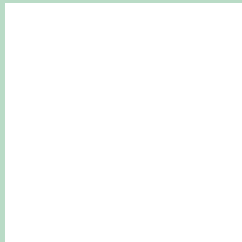
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0545, 0.3024, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 65.0545, 0.3024, 0.3542.

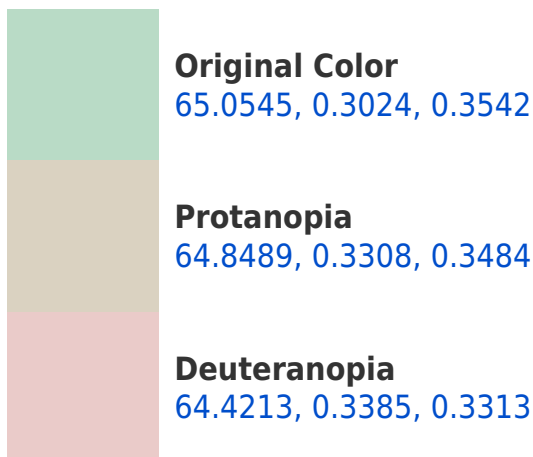


This preview shows how white text looks on a background with the Yxy color 65.0545, 0.3024, 0.3542.

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

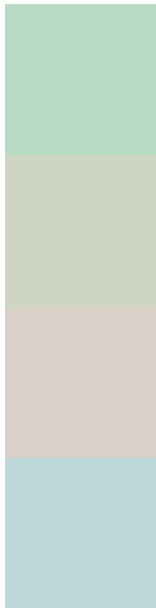




Tritanopia

64.9390, 0.2857, 0.3094

Trichromacy



Original Color

65.0545, 0.3024, 0.3542

Protanomaly

64.6504, 0.3199, 0.3499

Deuteranomaly

64.3700, 0.3244, 0.3393

Tritanomaly

65.0450, 0.2918, 0.3254

Monochromacy



Original Color

65.0545, 0.3024, 0.3542

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.9061, 0.3086, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0545, 0.3024, 0.3542 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, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 219, 198)  
}
```

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, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 219, 198) }
```

Border

The CSS property to change the border of an element to Yxy 65.0545, 0.3024, 0.3542 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, 219, 198) }
```

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

```
.border{ border-color:rgb(185, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 219, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 219, 198);  
box-shadow:4px 4px 4px 4px rgb(185, 219,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0545, 0.3024, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 219, 198) }
```

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

```
.background{ background-color: rgb(185,  
219, 198) }
```

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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