

Converting Colors

$Yxy(65.5253, 0.3051, 0.3535)$

Have a look what the booklet for
Yxy(65.5253, 0.3051, 0.3535)
contains.

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Color

Yxy(65.5591, 0.3052, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	BDDBC6
RGB	189, 219, 198
RGB Percent	74%, 86%, 78%
CMY	0.2586, 0.1412, 0.2234
CMYK	0.14, 0.00, 0.10, 0.14
HSL	138°, 29%, 80%
HSV	138°, 14%, 86%
XYZ	56.5216, 65.5591, 63.1145
YIQ	207.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

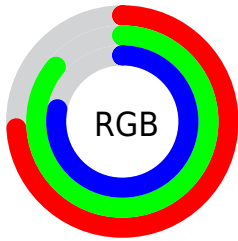
Format	Color
R _Y B	189, 212, 219
Decimal	12442566
CIE Lab	84.77, -13.89, 6.99
CIE LCh	85, 15.551, 153.309
Yxy	65.5591, 0.3052, 0.3540
Android (android.graphics.Color)	4290632646 (0xFFBDDBC6)
YUV	207.6360, -4.7505, -16.3438
Hunter-Lab	80.9686, -17.0899, 10.4618

Details

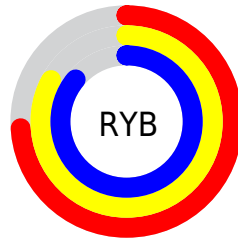
The Yxy color **65.5591, 0.3052, 0.3540** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1289, 0.3211, 0.3052**, and the grayscale version is **62.8728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **33.7154, 0.3030, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **62.2962, 0.2998, 0.3750**, and if you desaturate by 10%, it is **69.3220, 0.3107, 0.3353**.

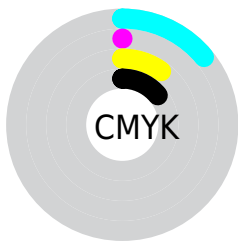
Distribution



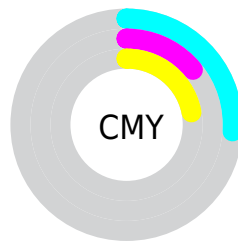
- Red (74%)
- Green (86%)
- Blue (78%)



- Red (74%)
- Yellow (83%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5591, 0.3052, 0.3540 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 65.5591, 0.3052, 0.3540 by changing the saturation by 10% instead.


 65.5591, 0.3052,
0.3540

 65.5591, 0.3052,
0.3540

444.7984, 0.3089,
0.3420

 47.9146, 0.3043,
0.3569

 112.8533, 0.3065,
0.3497

 33.7592, 0.3032,
0.3605


143.2717, 0.3070,
0.3481

 22.7087, 0.3018,
0.3651

178.7170, 0.3074,
0.3467

 14.3786, 0.2998,
0.3714

219.5734, 0.3078,
0.3455

 8.3844, 0.2969,
0.3804

266.2253, 0.3081,
0.3445

 4.3419, 0.2925,
0.3940

319.0572, 0.3084,

 1.8666, 0.2848,

0.3435

378.4534, 0.3086,
0.3427

0.4176

0.5282, 0.2094,
0.6791

0.0000, 0.0000,
0.0000

65.5591, 0.3052,
0.3540

65.5591, 0.3052,
0.3540

62.2962, 0.2998,
0.3750

69.3220, 0.3107,
0.3353

59.5041, 0.2948,
0.3981

73.5965, 0.3162,
0.3188

57.1630, 0.2904,
0.4232

78.4038, 0.3215,
0.3044

55.2484, 0.2869,
0.4498

79.1385, 0.3144,
0.2940

■ 53.7336, 0.2846,
0.4768

■ 52.5886, 0.2839,
0.5034

■ 51.7790, 0.2848,
0.5281

■ 51.2634, 0.2873,
0.5497

■ 51.0476, 0.2893,
0.5615

Harmonies

Analogous

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



65.5591, 0.3247, 0.3626



65.5591, 0.3052, 0.3540



65.5591, 0.2881, 0.3381

Triad

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



65.5591, 0.3052, 0.3540



65.5591, 0.2843, 0.2973



65.5591, 0.3491, 0.3362

Complementary

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



65.5591, 0.3052, 0.3540



56.1289, 0.3211, 0.3052

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.



65.5591, 0.3376, 0.3197



65.5591, 0.3052, 0.3540



65.5591, 0.2999, 0.2977

Square

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



65.5591, 0.3052, 0.3540



65.5591, 0.2763, 0.3052



65.5591, 0.3194, 0.3058



65.5591, 0.3505, 0.3515

Rectangle

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



65.5591, 0.3052, 0.3540



65.5591, 0.2802, 0.3259



65.5591, 0.3194, 0.3058



65.5591, 0.3463, 0.3306

Sweetspot

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



65.5619, 0.3052, 0.3540



97.6650, 0.3105, 0.3359



68.1110, 0.3267, 0.3634



20.8132, 0.3101, 0.3373



0.0000, 0.0000, 0.0000



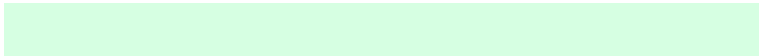
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5619, 0.3052, 0.3540



91.3608, 0.3039, 0.3590



66.2625, 0.2960, 0.3366



14.6702, 0.3075, 0.3458



30.2885, 0.2886, 0.5589



1.9772, 0.2794, 0.5257

Inverse Universe

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



56.1289, 0.3211, 0.3052



75.9117, 0.3229, 0.3008



55.4393, 0.3325, 0.3216



13.2049, 0.3183, 0.3128



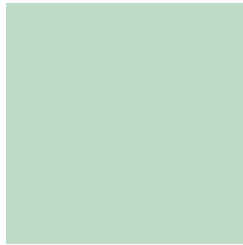
10.3209, 0.4140, 0.2054



0.6836, 0.3952, 0.1951

Previews

White Background



This preview shows how the Yxy color 65.5591, 0.3052, 0.3540 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 65.5591, 0.3052, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

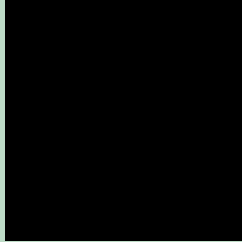
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

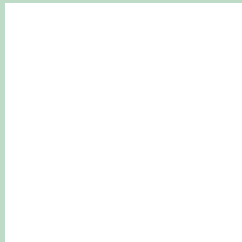
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5591, 0.3052, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 65.5591, 0.3052, 0.3540.



This preview shows how white text looks on a background with the Yxy color 65.5591, 0.3052, 0.3540.

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

65.5591, 0.3052, 0.3540

Protanopia

65.0035, 0.3316, 0.3483

Deuteranopia

65.0649, 0.3391, 0.3323



Tritanopia

65.4648, 0.2884, 0.3096

Trichromacy



Original Color

65.5591, 0.3052, 0.3540

Protanomaly

64.9385, 0.3214, 0.3499

Deuteranomaly

64.6765, 0.3259, 0.3392

Tritanomaly

65.5637, 0.2945, 0.3255

Monochromacy



Original Color

65.5591, 0.3052, 0.3540

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8641, 0.3101, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5591, 0.3052, 0.3540 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(189, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 198) }
```

Border

The CSS property to change the border of an element to Yxy 65.5591, 0.3052, 0.3540 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(189, 219, 198) }
```

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

```
.border{ border-color:rgb(189, 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(189, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5591, 0.3052, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 198) }
```

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

```
.background{ background-color: rgb(189,  
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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