

Converting Colors

$Yxy(65.0056, 0.3069, 0.3539)$

Have a look what the booklet for
Yxy(65.0056, 0.3069, 0.3539)
contains.

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Color

Yxy(65.1212, 0.3066, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	BEDAC5
RGB	190, 218, 197
RGB Percent	75%, 85%, 77%
CMY	0.2548, 0.1451, 0.2276
CMYK	0.13, 0.00, 0.10, 0.15
HSL	135°, 27%, 80%
HSV	135°, 13%, 85%
XYZ	56.3857, 65.1212, 62.3994
YIQ	207.2340, -9.9470, -12.4670

Conversions

Conversions Part 2

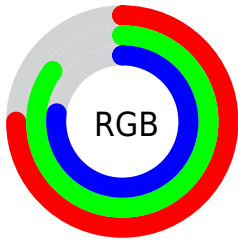
Format	Color
R _{YB}	190, 212, 218
Decimal	12507845
CIE Lab	84.55, -13.26, 7.23
CIE LCh	85, 15.105, 151.403
Yxy	65.1212, 0.3066, 0.3541
Android (android.graphics.Color)	4290697925 (0xFFBEDAC5)
YUV	207.2340, -5.0454, -15.1142
Hunter-Lab	80.6977, -16.4982, 10.6425

Details

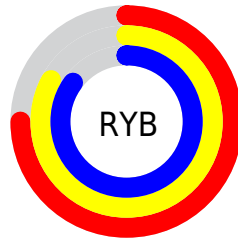
The Yxy color **65.1212, 0.3066, 0.3541** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4496, 0.3195, 0.3051**, and the grayscale version is **62.5961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2686, 0.3077, 0.3300**, and **33.4118, 0.3047, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **61.8122, 0.3019, 0.3765**, and if you desaturate by 10%, it is **68.9373, 0.3114, 0.3342**.

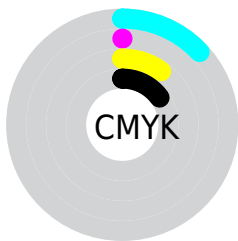
Distribution



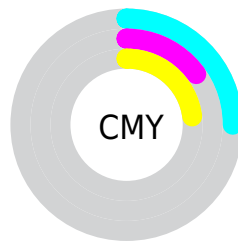
- Red (75%)
- Green (85%)
- Blue (77%)



- Red (75%)
- Yellow (83%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)





- Cyan (25%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1212, 0.3066, 0.3541 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 65.1212, 0.3066, 0.3541 by changing the saturation by 10% instead.

 65.1212, 0.3066,
0.3541

 65.1212, 0.3066,
0.3541


443.2274, 0.3096,
0.3420

 47.5594, 0.3059,
0.3570


 112.2241, 0.3077,
0.3498

 33.4781, 0.3049,
0.3606


142.5339, 0.3081,
0.3482

 22.4929, 0.3037,
0.3653


177.8619, 0.3084,
0.3468

 14.2195, 0.3021,
0.3716

218.5924, 0.3087,
0.3456

 8.2735, 0.2997,
0.3807

265.1098, 0.3090,
0.3445

 4.2705, 0.2959,
0.3945

317.7985, 0.3092,

 1.8260, 0.2892,

0.3436

0.4183

377.0429, 0.3094,
0.3428

0.5033, 0.2207,
0.7185

0.0000, 0.0000,
0.0000

65.1212, 0.3066,
0.3541

65.1212, 0.3066,
0.3541

61.8122, 0.3019,
0.3765

68.9373, 0.3114,
0.3342

58.9808, 0.2974,
0.4013

73.2721, 0.3161,
0.3167

56.6072, 0.2935,
0.4281

78.0665, 0.3203,
0.3014

54.6667, 0.2903,
0.4564

78.6240, 0.3144,
0.2930

■ 53.1323, 0.2882,
0.4852

■ 51.9741, 0.2875,
0.5131

■ 51.1578, 0.2882,
0.5385

■ 50.6422, 0.2904,
0.5601

■ 50.4111, 0.2924,
0.5727

Harmonies

Analogous

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



65.1212, 0.3256, 0.3619



65.1212, 0.3066, 0.3541



65.1212, 0.2896, 0.3389

Triad

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



65.1212, 0.3066, 0.3541



65.1212, 0.2843, 0.2983



65.1212, 0.3477, 0.3350

Complementary

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



65.1212, 0.3066, 0.3541



56.4496, 0.3195, 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.



65.1212, 0.3360, 0.3190



65.1212, 0.3066, 0.3541



65.1212, 0.2992, 0.2982

Square

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



65.1212, 0.3066, 0.3541



65.1212, 0.2770, 0.3066



65.1212, 0.3181, 0.3057



65.1212, 0.3497, 0.3501

Rectangle

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



65.1212, 0.3066, 0.3541



65.1212, 0.2816, 0.3271



65.1212, 0.3181, 0.3057



65.1212, 0.3447, 0.3296

Sweetspot

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



65.1240, 0.3066, 0.3541



97.6323, 0.3108, 0.3365



67.7818, 0.3269, 0.3611



20.8049, 0.3104, 0.3379



0.0000, 0.0000, 0.0000



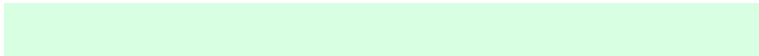
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1240, 0.3066, 0.3541



91.7376, 0.3055, 0.3590



65.7745, 0.2979, 0.3377



14.6590, 0.3082, 0.3471



30.2153, 0.2918, 0.5704



1.9713, 0.2829, 0.5384

Inverse Universe

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



56.4496, 0.3195, 0.3051



77.3807, 0.3208, 0.3007



55.7969, 0.3300, 0.3205



13.2168, 0.3175, 0.3116



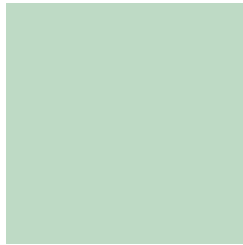
10.5519, 0.3952, 0.1951



0.6970, 0.3805, 0.1870

Previews

White Background



This preview shows how the Yxy color 65.1212, 0.3066, 0.3541 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 65.1212, 0.3066, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

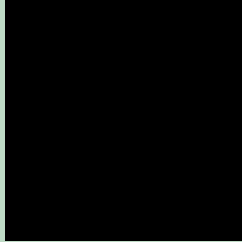
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

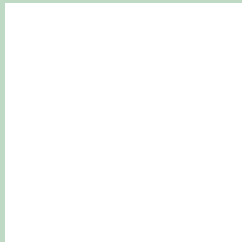
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1212, 0.3066, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 65.1212, 0.3066, 0.3541.



This preview shows how white text looks on a background with the Yxy color 65.1212, 0.3066, 0.3541.

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

65.1212, 0.3066, 0.3541

Protanopia

65.0035, 0.3316, 0.3483

Deuteranopia

64.5442, 0.3401, 0.3323



Tritanopia

65.0374, 0.2896, 0.3096

Trichromacy



Original Color

65.1212, 0.3066, 0.3541

Protanomaly

64.8934, 0.3221, 0.3510

Deuteranomaly

64.2953, 0.3275, 0.3392

Tritanomaly

65.1322, 0.2958, 0.3255

Monochromacy



Original Color

65.1212, 0.3066, 0.3541

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3178, 0.3108, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1212, 0.3066, 0.3541 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(190, 218, 197)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 197)  
}
```

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(190, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 197) }
```

Border

The CSS property to change the border of an element to Yxy 65.1212, 0.3066, 0.3541 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(190, 218, 197) }
```

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

```
.border{ border-color:rgb(190, 218, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 197);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1212, 0.3066, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 197) }
```

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

```
.background{ background-color: rgb(190,  
218, 197) }
```

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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