

Converting Colors

$Yxy(65.6669, 0.2964, 0.3334)$

Have a look what the booklet for
Yxy(65.6669, 0.2964, 0.3334)
contains.

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Color

Yxy(65.5571, 0.2964, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	BFD9D6
RGB	191, 217, 214
RGB Percent	75%, 85%, 84%
CMY	0.2508, 0.1490, 0.1609
CMYK	0.12, 0.00, 0.01, 0.15
HSL	173°, 25%, 80%
HSV	173°, 12%, 85%
XYZ	58.4395, 65.5571, 73.1676
YIQ	208.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

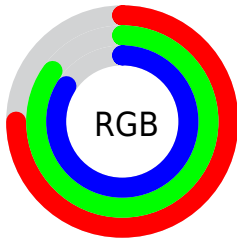
Format	Color
R_{YB}	191, 205, 217
Decimal	12573142
CIE _{Lab}	84.77, -9.19, -1.44
CIE _{LCh}	85, 9.299, 188.896
Yxy	65.5571, 0.2964, 0.3325
Android (android.graphics.Color)	4290763222 (0xFFBFD9D6)
YUV	208.8840, 2.5222, -15.6843
Hunter-Lab	80.9673, -12.8576, 3.0986

Details

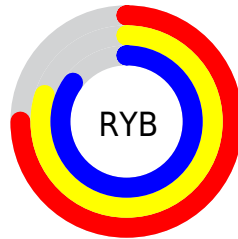
The Yxy color $65.5571, 0.2964, 0.3325$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.9284, 0.3318, 0.3255$, and the grayscale version is $63.6755, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6965, 0.3084, 0.3290$, and $33.6622, 0.2923, 0.3336$ is the 20% darker color. If you saturate the color by 10%, you get $62.8224, 0.2836, 0.3357$, and if you desaturate by 10%, it is $68.7161, 0.3100, 0.3295$.

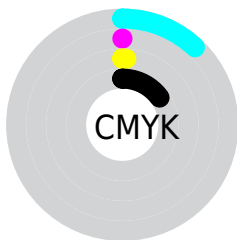
Distribution



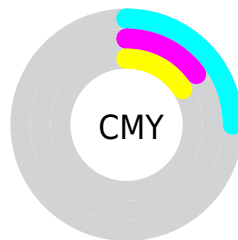
- Red (75%)
- Green (85%)
- Blue (84%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5571, 0.2964, 0.3325 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 65.5571, 0.2964, 0.3325 by changing the saturation by 10% instead.

■ 65.5571, 0.2964,
0.3325

■ 65.5571, 0.2964,
0.3325

444.7912, 0.3041,
0.3309

■ 47.9130, 0.2946,
0.3329

■ 112.8504, 0.2991,
0.3319

■ 33.7580, 0.2924,
0.3333

143.2684, 0.3001,
0.3317

■ 22.7077, 0.2895,
0.3339

178.7131, 0.3010,
0.3315

■ 14.3778, 0.2858,
0.3346

219.5689, 0.3018,
0.3314

■ 8.3839, 0.2805,
0.3357

266.2202, 0.3025,
0.3312

■ 4.3416, 0.2728,
0.3371

319.0515, 0.3031,

■ 1.8664, 0.2601,

0.3311

378.4470, 0.3036,
0.3310

0.3394

0.5281, 0.1874,
0.3565

0.0000, 0.0000,
0.0000

65.5571, 0.2964,
0.3325

65.5571, 0.2964,
0.3325

62.8224, 0.2836,
0.3357

68.7161, 0.3100,
0.3295

60.4856, 0.2717,
0.3392

72.3084, 0.3240,
0.3269

58.5298, 0.2612,
0.3429

76.1363, 0.3374,
0.3245

56.9336, 0.2523,
0.3468

76.2729, 0.3356,
0.3219

■ 55.6738, 0.2452,
0.3508

■ 76.4117, 0.3338,
0.3194

■ 54.7241, 0.2400,
0.3548

■ 76.5525, 0.3321,
0.3169

■ 54.0545, 0.2367,
0.3589

■ 76.6953, 0.3303,
0.3144

■ 53.6290, 0.2352,
0.3630

■ 76.8403, 0.3285,
0.3119

■ 53.4150, 0.2351,
0.3662

■ 76.9873, 0.3268,
0.3094

Harmonies

Analogous

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



65.5571, 0.3062, 0.3423



65.5571, 0.2964, 0.3325



65.5571, 0.2910, 0.3219

Triad

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



65.5571, 0.2964, 0.3325



65.5571, 0.3072, 0.3106



65.5571, 0.3347, 0.3441

Complementary

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



65.5571, 0.2964, 0.3325



55.9284, 0.3318, 0.3255

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.



65.5571, 0.3350, 0.3354



65.5571, 0.2964, 0.3325



65.5571, 0.3190, 0.3163

Square

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



65.5571, 0.2964, 0.3325



65.5571, 0.2971, 0.3095



65.5571, 0.3292, 0.3253



65.5571, 0.3283, 0.3489

Rectangle

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



65.5571, 0.2964, 0.3325



65.5571, 0.2905, 0.3160



65.5571, 0.3292, 0.3253



65.5571, 0.3355, 0.3415

Sweetspot

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



65.5598, 0.2964, 0.3325



98.0400, 0.3071, 0.3301



64.9241, 0.3138, 0.3599



20.9081, 0.3061, 0.3304



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.



65.5598, 0.2964, 0.3325



93.5808, 0.2935, 0.3332



60.9498, 0.2943, 0.3177



14.8020, 0.2998, 0.3317



32.3452, 0.2349, 0.3656



2.1031, 0.2331, 0.3590

Inverse Universe

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



55.9284, 0.3318, 0.3255



77.4329, 0.3358, 0.3249



60.0821, 0.3328, 0.3400



13.0761, 0.3273, 0.3263



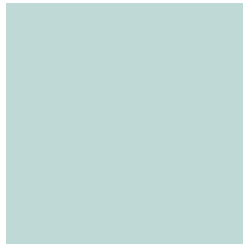
8.9814, 0.6250, 0.3217



0.5903, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 65.5571, 0.2964, 0.3325 looks on a white background.

Color Contrast Check

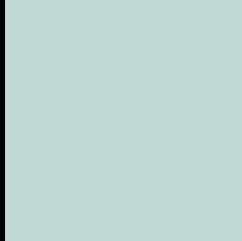
Large Text (above 18pt) WCAG AA × Fail

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 65.5571, 0.2964, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

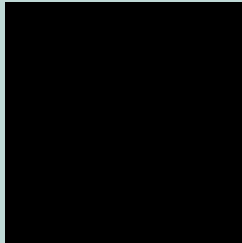
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

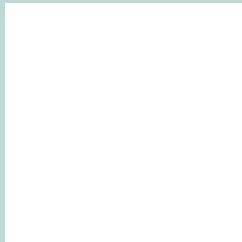
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5571, 0.2964, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 65.5571, 0.2964, 0.3325.

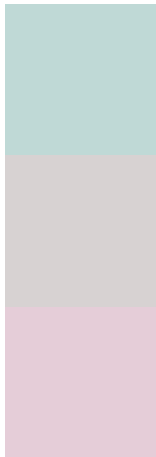


This preview shows how white text looks on a background with the Yxy color 65.5571, 0.2964, 0.3325.

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

65.5571, 0.2964, 0.3325

Protanopia

65.1934, 0.3164, 0.3290

Deuteranopia

65.2785, 0.3232, 0.3171



Tritanopia

65.3320, 0.2877, 0.3095

Trichromacy



Original Color

65.5571, 0.2964, 0.3325

Protanomaly

65.4135, 0.3090, 0.3313

Deuteranomaly

64.9543, 0.3130, 0.3223

Tritanomaly

65.3746, 0.2908, 0.3174

Monochromacy



Original Color

65.5571, 0.2964, 0.3325

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3467, 0.3061, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5571, 0.2964, 0.3325 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(191, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 214)  
}
```

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(191, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 214) }
```

Border

The CSS property to change the border of an element to Yxy 65.5571, 0.2964, 0.3325 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(191, 217, 214) }
```

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

```
.border{ border-color:rgb(191, 217, 214) }
```

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

Here you see how a box with a 4 pixel rgb(191, 217, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5571, 0.2964, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 214) }
```

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

```
.background{ background-color: rgb(191,  
217, 214) }
```

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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