

Converting Colors

Yxy(64.8431, 0.2974, 0.3320)

Have a look what the booklet for
Yxy(64.8431, 0.2974, 0.3320)
contains.

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Color

Yxy(65.1223, 0.2977, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	C0D8D5
RGB	192, 216, 213
RGB Percent	75%, 85%, 84%
CMY	0.2469, 0.1529, 0.1648
CMYK	0.11, 0.00, 0.01, 0.15
HSL	172°, 24%, 80%
HSV	172°, 11%, 85%
XYZ	58.3065, 65.1223, 72.4277
YIQ	208.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

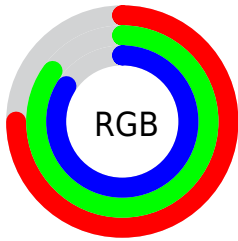
Format	Color
RYB	192, 205, 216
Decimal	12638421
CIELab	84.55, -8.55, -1.23
CIElCh	85, 8.635, 188.192
Yxy	65.1223, 0.2977, 0.3325
Android (android.graphics.Color)	4290828501 (0xFFC0D8D5)
YUV	208.4820, 2.2274, -14.4547
Hunter-Lab	80.6984, -12.2517, 3.2754

Details

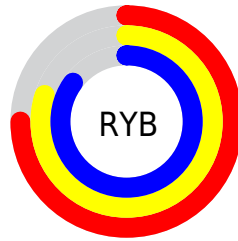
The Yxy color **65.1223, 0.2977, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2540, 0.3300, 0.3255**, and the grayscale version is **63.4008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **33.3616, 0.2940, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **62.3713, 0.2849, 0.3360**, and if you desaturate by 10%, it is **68.2949, 0.3112, 0.3293**.

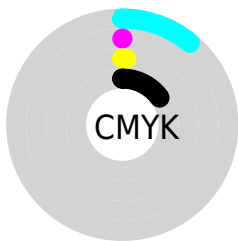
Distribution



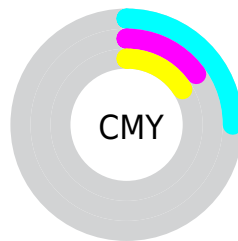
- Red (75%)
- Green (85%)
- Blue (84%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1223, 0.2977, 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 65.1223, 0.2977, 0.3325 by changing the saturation by 10% instead.


 65.1223, 0.2977,
0.3325

 65.1223, 0.2977,
0.3325


443.2313, 0.3048,
0.3309

 47.5603, 0.2961,
0.3329


 112.2257, 0.3002,
0.3319

 33.4788, 0.2940,
0.3333


142.5358, 0.3011,
0.3317

 22.4935, 0.2914,
0.3339


177.8640, 0.3020,
0.3315

 14.2199, 0.2879,
0.3347

218.5948, 0.3027,
0.3314

 8.2738, 0.2830,
0.3357

265.1126, 0.3033,
0.3312

 4.2706, 0.2758,
0.3373

317.8016, 0.3038,

 1.8261, 0.2640,

0.3311

377.0464, 0.3043,
0.3310

0.3397

0.5033, 0.1917,
0.3577

0.0000, 0.0000,
0.0000

65.1223, 0.2977,
0.3325

65.1223, 0.2977,
0.3325

62.3713, 0.2849,
0.3360

68.2949, 0.3112,
0.3293

60.0157, 0.2731,
0.3397

71.8978, 0.3251,
0.3265

58.0391, 0.2626,
0.3437

75.6010, 0.3379,
0.3239


56.4204, 0.2536,
0.3479


75.7479, 0.3359,
0.3211

 55.1369, 0.2463,
0.3522


 75.8971, 0.3340,
0.3184


 54.1628, 0.2410,
0.3566


 76.0486, 0.3321,
0.3157


 53.4690, 0.2376,
0.3611

 76.2026, 0.3301,
0.3130

 53.0205, 0.2361,
0.3655

 76.3590, 0.3282,
0.3103

 52.7735, 0.2359,
0.3694

 76.5178, 0.3263,
0.3077

Harmonies

Analogous

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



65.1223, 0.3069, 0.3415



65.1223, 0.2977, 0.3325



65.1223, 0.2925, 0.3227

Triad

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



65.1223, 0.2977, 0.3325



65.1223, 0.3074, 0.3117



65.1223, 0.3332, 0.3429

Complementary

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



65.1223, 0.2977, 0.3325



56.2540, 0.3300, 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.



65.1223, 0.3334, 0.3348



65.1223, 0.2977, 0.3325



65.1223, 0.3183, 0.3170

Square

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



65.1223, 0.2977, 0.3325



65.1223, 0.2980, 0.3109



65.1223, 0.3279, 0.3253



65.1223, 0.3274, 0.3475

Rectangle

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



65.1223, 0.2977, 0.3325



65.1223, 0.2920, 0.3171



65.1223, 0.3279, 0.3253



65.1223, 0.3339, 0.3405

Sweetspot

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



65.1250, 0.2977, 0.3325



98.5157, 0.3086, 0.3299



64.5513, 0.3137, 0.3575



21.0036, 0.3074, 0.3302



0.0000, 0.0000, 0.0000



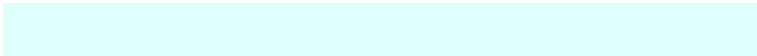
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1250, 0.2977, 0.3325



93.9791, 0.2950, 0.3332



60.8963, 0.2956, 0.3186



14.0796, 0.2999, 0.3319



31.2475, 0.2358, 0.3687



1.8924, 0.2336, 0.3611

Inverse Universe

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



56.2540, 0.3300, 0.3255



78.9160, 0.3337, 0.3249



60.0950, 0.3312, 0.3392



12.4461, 0.3271, 0.3261



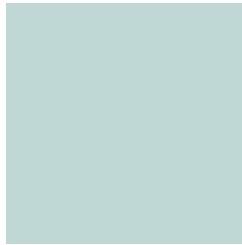
8.6974, 0.6231, 0.3206



0.5332, 0.5850, 0.2996

Previews

White Background



This preview shows how the Yxy color 65.1223, 0.2977, 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 65.1223, 0.2977, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

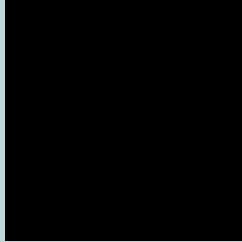
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

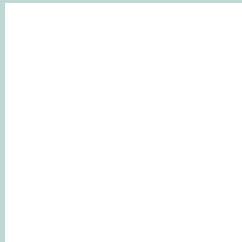
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1223, 0.2977, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 65.1223, 0.2977, 0.3325.

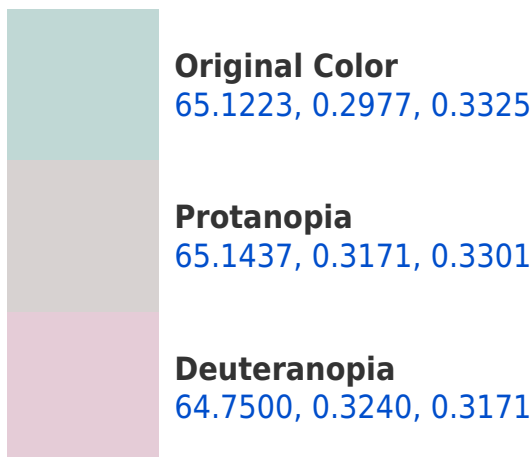


This preview shows how white text looks on a background with the Yxy color 65.1223, 0.2977, 0.3325.

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





Tritanopia

64.9038, 0.2889, 0.3095

Trichromacy



Original Color

65.1223, 0.2977, 0.3325

Protanomaly

65.0055, 0.3104, 0.3313

Deuteranomaly

64.5657, 0.3145, 0.3223

Tritanomaly

64.9443, 0.2920, 0.3174

Monochromacy



Original Color

65.1223, 0.2977, 0.3325

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.7982, 0.3068, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1223, 0.2977, 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(192, 216, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 213)  
}
```

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(192, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.1223, 0.2977, 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(192, 216, 213) }
```

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

```
.border{ border-color:rgb(192, 216, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 216, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 216, 213); box-shadow:4px 4px 4px 4px rgb(192, 216, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1223, 0.2977, 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(192, 216, 213) }
```

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

```
.background{ background-color: rgb(192,  
216, 213) }
```

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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