

Converting Colors

Yxy(66.3663, 0.3004, 0.3341)

Have a look what the booklet for
Yxy(66.3663, 0.3004, 0.3341)
contains.

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Color

Yxy(66.1656, 0.3004, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	C4D9D5
RGB	196, 217, 213
RGB Percent	77%, 85%, 84%
CMY	0.2315, 0.1490, 0.1646
CMYK	0.10, 0.00, 0.02, 0.15
HSL	169°, 22%, 81%
HSV	169°, 10%, 85%
XYZ	59.5808, 66.1656, 72.5918
YIQ	210.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

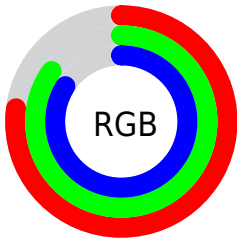
Format	Color
RYB	196, 208, 217
Decimal	12900821
CIELab	85.08, -7.78, -0.44
CIELCh	85, 7.789, 183.248
Yxy	66.1656, 0.3004, 0.3336
Android (android.graphics.Color)	4291090901 (0xFFC4D9D5)
YUV	210.2650, 1.3484, -12.5104
Hunter-Lab	81.3422, -11.6030, 4.0278

Details

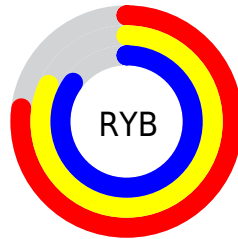
The Yxy color **66.1656, 0.3004, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3821, 0.3266, 0.3245**, and the grayscale version is **64.6260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **34.0601, 0.2976, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **63.2598, 0.2883, 0.3388**, and if you desaturate by 10%, it is **69.5032, 0.3131, 0.3289**.

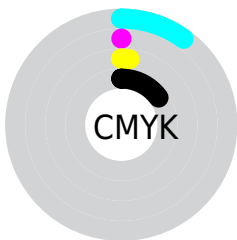
Distribution



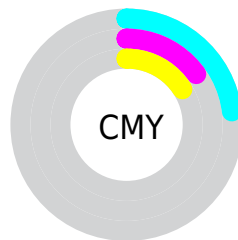
- Red (77%)
- Green (85%)
- Blue (84%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1656, 0.3004, 0.3336 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 66.1656, 0.3004, 0.3336 by changing the saturation by 10% instead.

■ 66.1656, 0.3004,
0.3336

■ 66.1656, 0.3004,
0.3336

446.9689, 0.3062,
0.3315

■ 48.4068, 0.2991,
0.3341

113.7240, 0.3024,
0.3328

■ 34.1492, 0.2974,
0.3347

144.2924, 0.3032,
0.3326

■ 23.0082, 0.2952,
0.3355

179.8995, 0.3039,
0.3323

■ 14.5996, 0.2924,
0.3366

220.9296, 0.3045,
0.3321

■ 8.5389, 0.2884,
0.3380

267.7673, 0.3050,
0.3319

■ 4.4416, 0.2825,
0.3401

320.7968, 0.3054,

■ 1.9235, 0.2730,

0.3317

0.3436

380.4025, 0.3058,
0.3316

0.5625, 0.2224,
0.3628

0.0000, 0.0000,
0.0000

66.1656, 0.3004,
0.3336

66.1656, 0.3004,
0.3336

63.2598, 0.2883,
0.3388

69.5032, 0.3131,
0.3289

60.7594, 0.2770,
0.3445


73.2811, 0.3261,
0.3246

58.6478, 0.2669,
0.3505


76.3505, 0.3347,
0.3207


56.9042, 0.2582,
0.3569

76.5787, 0.3318,
0.3166

 55.5056, 0.2512,
0.3636


 76.8123, 0.3290,
0.3125

 54.4265, 0.2461,
0.3704


 77.0514, 0.3261,
0.3085


 53.6379, 0.2429,
0.3774

 77.2961, 0.3233,
0.3045

 53.1054, 0.2417,
0.3843

 77.5463, 0.3205,
0.3005

 52.7695, 0.2420,
0.3911

 77.8022, 0.3177,
0.2966

Harmonies

Analogous

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



66.1656, 0.3091, 0.3413



66.1656, 0.3004, 0.3336



66.1656, 0.2950, 0.3247

Triad

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



66.1656, 0.3004, 0.3336



66.1656, 0.3064, 0.3131



66.1656, 0.3315, 0.3405

Complementary

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



66.1656, 0.3004, 0.3336



58.3821, 0.3266, 0.3245

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.



66.1656, 0.3308, 0.3328



66.1656, 0.3004, 0.3336



66.1656, 0.3162, 0.3172

Square

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



66.1656, 0.3004, 0.3336



66.1656, 0.2984, 0.3130



66.1656, 0.3251, 0.3244



66.1656, 0.3271, 0.3452

Rectangle

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



66.1656, 0.3004, 0.3336



66.1656, 0.2940, 0.3195



66.1656, 0.3251, 0.3244



66.1656, 0.3318, 0.3381

Sweetspot

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



66.1684, 0.3004, 0.3336



98.4846, 0.3088, 0.3304



65.9196, 0.3146, 0.3537



20.9952, 0.3078, 0.3308



0.0000, 0.0000, 0.0000



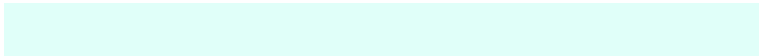
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1684, 0.3004, 0.3336



94.2827, 0.2974, 0.3348



63.1788, 0.2978, 0.3216



14.7850, 0.3007, 0.3335



31.9483, 0.2418, 0.3903



2.0809, 0.2386, 0.3791

Inverse Universe

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



58.3821, 0.3266, 0.3245



80.5116, 0.3305, 0.3233



61.1073, 0.3289, 0.3363



13.0917, 0.3262, 0.3246



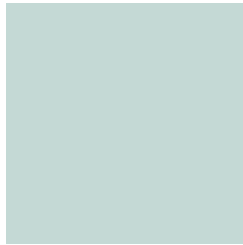
9.0393, 0.6091, 0.3129



0.5976, 0.5648, 0.2885

Previews

White Background



This preview shows how the Yxy color 66.1656, 0.3004, 0.3336 looks on a white background.

Color Contrast Check

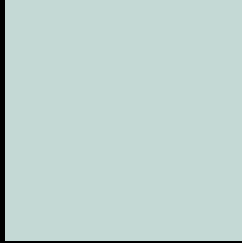
Large Text (above 18pt) WCAG AA × Fail

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 66.1656, 0.3004, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

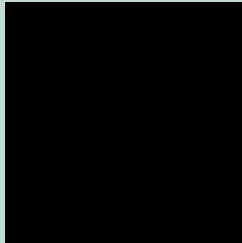
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

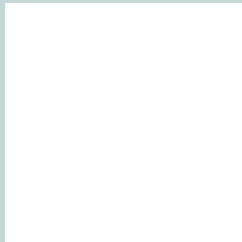
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1656, 0.3004, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 66.1656, 0.3004, 0.3336.



This preview shows how white text looks on a background with the Yxy color 66.1656, 0.3004, 0.3336.

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

66.1656, 0.3004, 0.3336

Protanopia

65.8406, 0.3171, 0.3301

Deuteranopia

66.0378, 0.3254, 0.3193



Tritanopia

66.0048, 0.2911, 0.3097

Trichromacy



Original Color

66.1656, 0.3004, 0.3336

Protanomaly

65.8470, 0.3111, 0.3313

Deuteranomaly

65.8537, 0.3159, 0.3246

Tritanomaly

65.9885, 0.2948, 0.3187

Monochromacy



Original Color

66.1656, 0.3004, 0.3336

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.2708, 0.3082, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1656, 0.3004, 0.3336 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(196, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(196, 217, 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(196, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 217, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.1656, 0.3004, 0.3336 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(196, 217, 213) }
```

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

```
.border{ border-color:rgb(196, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(196, 217,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1656, 0.3004, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 217, 213) }
```

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

```
.background{ background-color: rgb(196,  
217, 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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