Converting Colors

Yxy(66.1923, 0.3069, 0.3343)

Have a look what the booklet for Yxy(66.1923, 0.3069, 0.3343) contains.

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Color

Yxy(66.0005, 0.3067, 0.3336)

Conversions

Format	Color
Hex	CBD7D3
RGB	203, 215, 211
RGB Percent	80%, 84%, 83%
CMY	0.2041, 0.1568, 0.1726
CMYK	0.06, 0.00, 0.02, 0.16
HSL	160°, 13%, 82%
HSV	160°, 6%, 84%
XYZ	60.6785, 66.0005, 71.1642
YIQ	210.9560, -5.8680, -3.7880

Conversions Part 1

Conversions

Conversions Part 2

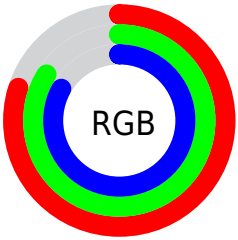
Format	Color
RYB	203, 210, 215
Decimal	13359059
CIELab	85.00, -4.80, 0.57
CIELCh	85, 4.835, 173.271
Yxy	66.0005, 0.3067, 0.3336
Android (android.graphics.Color)	4291549139 (0xFFCBD7D3)
YUV	210.9560, 0.0217, -6.9774
Hunter-Lab	81.2407, -8.8499, 4.9324

Details

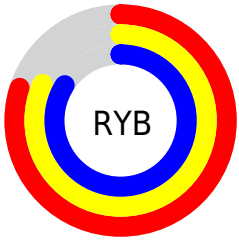
The Yxy color 66.0005, 0.3067, 0.3336 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 61.6486, 0.3191, 0.3244, and the grayscale version is 65.1113, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 33.9655, 0.3049, 0.3335 is the 20% darker color. If you saturate the color by 10%, you get 62.8397, 0.2962, 0.3425, and if you desaturate by 10%, it is 69.6016, 0.3175, 0.3256.

Distribution

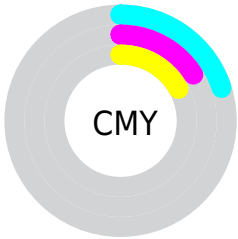


- Red (80%)
- Green (84%)
- Blue (83%)



- Red (80%)
- Yellow (82%)
- Blue (84%)

- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0005, 0.3067, 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 66.0005, 0.3067, 0.3336 by changing the saturation by 10% instead.

66.0005, 0.3067, 0.3336

66.0005, 0.3067, 0.3336

446.3787, 0.3095, 0.3314

48.2728, 0.3060, 0.3341

113.4871, 0.3077, 0.3328

34.0430, 0.3052, 0.3347

144.0147, 0.3081, 0.3325

22.9266, 0.3041, 0.3355

179.5778, 0.3084, 0.3323

14.5393, 0.3027, 0.3366

220.5607, 0.3087, 0.3321

8.4967, 0.3008, 0.3381

267.3479, 0.3089, 0.3319

4.4144, 0.2979, 0.3404

320.3237, 0.3092,

1.9080, 0.2930,

0.3317

379.8725, 0.3094, 0.3316

0.3441

0.5532, 0.2680, 0.3629

0.0000, 0.0000, 0.0000

66.0005, 0.3067, 0.3336

62.8397, 0.2962, 0.3425

60.0934, 0.2863, 0.3523

57.7460, 0.2772, 0.3630

55.7774, 0.2693, 0.3745

66.0005, 0.3067, 0.3336

69.6016, 0.3175, 0.3256

73.6510, 0.3283, 0.3184

75.7249, 0.3299, 0.3116

76.1423, 0.3249, 0.3046

54.1661, 0.2628, 0.3866

52.8879, 0.2580, 0.3992

51.9160, 0.2552, 0.4120

51.2189, 0.2544, 0.4249

50.7582, 0.2555, 0.4376

76.5766, 0.3200, 0.2977

77.0279, 0.3152, 0.2909

77.0890, 0.3145, 0.2901

Harmonies

Analogous

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

66.0005, 0.3125, 0.3377

66.0005, 0.3067, 0.3336

66.0005, 0.3025, 0.3282

Triad

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

66.0005, 0.3067, 0.3336

66.0005, 0.3070, 0.3187

66.0005, 0.3246, 0.3348

Complementary

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

66.0005, 0.3067, 0.3336

61.6486, 0.3191, 0.3244

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.

66.0005, 0.3230, 0.3297

66.0005, 0.3067, 0.3336

66.0005, 0.3128, 0.3205

Square

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

66.0005, 0.3067, 0.3336

66.0005, 0.3027, 0.3197

66.0005, 0.3187, 0.3245

66.0005, 0.3229, 0.3384

Rectangle

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

66.0005, 0.3067, 0.3336

66.0005, 0.3012, 0.3247

66.0005, 0.3187, 0.3245

66.0005, 0.3244, 0.3332

Sweetspot

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

66.0033, 0.3067, 0.3336

98.9364, 0.3105, 0.3306

66.2108, 0.3152, 0.3428

21.1876, 0.3106, 0.3305

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.

66.0033, 0.3067, 0.3336

96.3926, 0.3051, 0.3349

65.2919, 0.3041, 0.3269

14.1670, 0.3046, 0.3353

30.2803, 0.2559, 0.4412

1.8414, 0.2498, 0.4194

Inverse Universe

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

61.6486, 0.3191, 0.3244

88.3928, 0.3209, 0.3232

62.3131, 0.3219, 0.3311

12.9145, 0.3215, 0.3228

8.9367, 0.5625, 0.2872

0.5542, 0.5135, 0.2603

Previews

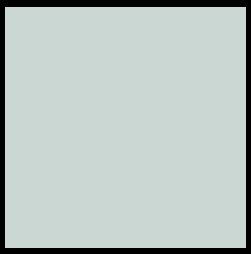
White Background

This preview shows how the Yxy color 66.0005, 0.3067, 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



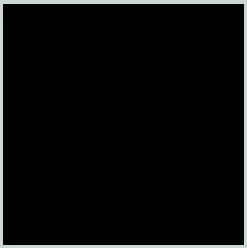
This preview shows how the Yxy color 66.0005, 0.3067, 0.3336 looks on a black background.

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 66.0005, 0.3067, 0.3336 Background



This preview shows how black text looks on a background with the Yxy color 66.0005, 0.3067, 0.3336.

This preview shows how white text looks on a background with the Yxy color 66.0005, 0.3067, 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
66.0005, 0.3067, 0.3336

Protanopia
65.7909, 0.3178, 0.3313

Deuteranopia
65.6225, 0.3277, 0.3204

Tritanopia
65.8659, 0.2971, 0.3099

Trichromacy

Original Color
66.0005, 0.3067, 0.3336

Protanomaly
65.5890, 0.3133, 0.3313

Deuteranomaly
65.7265, 0.3196, 0.3257

Tritanomaly
65.8416, 0.3009, 0.3188

Monochromacy

Original Color
66.0005, 0.3067, 0.3336

Achromatopsia
65.1406, 0.3127, 0.3290

Achromatomaly
65.2000, 0.3105, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0005, 0.3067, 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(203, 215, 211) looks like.

```
.text, #text, p{
    color:rgb(203, 215, 211)
}
```

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(203, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 215, 211) }
```

Border

The CSS property to change the border of an element to Yxy 66.0005, 0.3067, 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(203, 215, 211) }
```

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

```
.border{ border-color:rgb(203, 215, 211) }
```

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

Here you see how a box with a 4 pixel rgb(203, 215, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 215, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 215, 211); box-shadow:4px 4px 4px 4px rgb(203, 215, 211) }
```

Background

The CSS property to change the background color of an element to Yxy 66.0005, 0.3067, 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(203, 215, 211) }
```

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

```
.background{ background-color:rgb(203,
215, 211) }
```

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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