

Converting Colors

Yxy(67.3534, 0.3037, 0.3411)

Have a look what the booklet for
Yxy(67.3534, 0.3037, 0.3411)
contains.

Yxy(67.1368, 0.3037, 0.3406)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(67.1368, 0.3037, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	C5DBD1
RGB	197, 219, 209
RGB Percent	77%, 86%, 82%
CMY	0.2275, 0.1411, 0.1805
CMYK	0.10, 0.00, 0.05, 0.14
HSL	153°, 23%, 82%
HSV	153°, 10%, 86%
XYZ	59.8633, 67.1368, 70.1132
YIQ	211.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

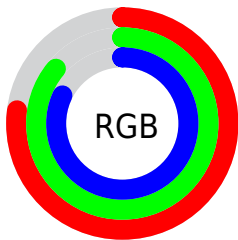
Format	Color
RYB	197, 211, 219
Decimal	12966865
CIELab	85.57, -9.22, 2.42
CIELCh	86, 9.534, 165.304
Yxy	67.1368, 0.3037, 0.3406
Android (android.graphics.Color)	4291156945 (0xFFC5DBD1)
YUV	211.2820, -1.1250, -12.5253
Hunter-Lab	81.9370, -12.9775, 6.6217

Details

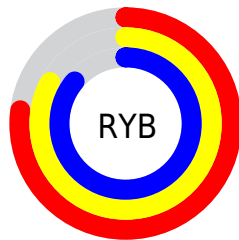
The Yxy color **67.1368, 0.3037, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4983, 0.3227, 0.3177**, and the grayscale version is **65.3504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.7571, 0.3010, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **63.9161, 0.2950, 0.3535**, and if you desaturate by 10%, it is **70.8236, 0.3127, 0.3291**.

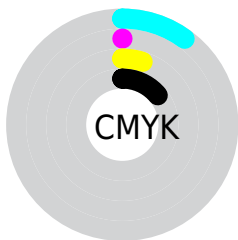
Distribution



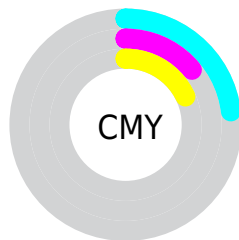
- Red (77%)
- Green (86%)
- Blue (82%)



- Red (77%)
- Yellow (83%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1368, 0.3037, 0.3406 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 67.1368, 0.3037, 0.3406 by changing the saturation by 10% instead.

■ 67.1368, 0.3037,
0.3406

■ 67.1368, 0.3037,
0.3406

450.4316, 0.3080,
0.3351

■ 49.1958, 0.3027,
0.3419

115.1164, 0.3052,
0.3387

■ 34.7748, 0.3015,
0.3435

145.9238, 0.3058,
0.3379

■ 23.4895, 0.2999,
0.3456

181.7888, 0.3063,
0.3373

■ 14.9554, 0.2977,
0.3483

223.0958, 0.3067,
0.3367

■ 8.7881, 0.2948,
0.3522

270.2292, 0.3071,
0.3363

■ 4.6032, 0.2904,
0.3580

323.5733, 0.3074,

■ 2.0164, 0.2831,

0.3358

0.3676

383.5127, 0.3077,
0.3355

0.6170, 0.2440,
0.4166

0.0000, 0.0000,
0.0000

67.1368, 0.3037,
0.3406

67.1368, 0.3037,
0.3406

63.9161, 0.2950,
0.3535

70.8236, 0.3127,
0.3291

61.1341, 0.2868,
0.3677

74.9858, 0.3217,
0.3188

58.7731, 0.2795,
0.3831

78.1536, 0.3251,
0.3093

56.8112, 0.2733,
0.3996

78.7593, 0.3184,
0.2998

■ 55.2243, 0.2686,
0.4170

■ 79.1472, 0.3144,
0.2940

■ 53.9856, 0.2657,
0.4349

■ 53.0646, 0.2648,
0.4528

■ 52.4253, 0.2659,
0.4704

■ 52.0054, 0.2687,
0.4872

Harmonies

Analogous

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



67.1368, 0.3154, 0.3478



67.1368, 0.3037, 0.3406



67.1368, 0.2945, 0.3302

Triad

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



67.1368, 0.3037, 0.3406



67.1368, 0.2988, 0.3090



67.1368, 0.3359, 0.3376

Complementary

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



67.1368, 0.3037, 0.3406



59.4983, 0.3227, 0.3177

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.



67.1368, 0.3312, 0.3274



67.1368, 0.3037, 0.3406



67.1368, 0.3097, 0.3111

Square

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



67.1368, 0.3037, 0.3406



67.1368, 0.2917, 0.3120



67.1368, 0.3216, 0.3178



67.1368, 0.3341, 0.3458

Rectangle

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



67.1368, 0.3037, 0.3406



67.1368, 0.2910, 0.3230



67.1368, 0.3216, 0.3178



67.1368, 0.3350, 0.3343

Sweetspot

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



67.1396, 0.3037, 0.3406



98.3555, 0.3100, 0.3324



68.0023, 0.3189, 0.3543



20.9603, 0.3093, 0.3333



0.0000, 0.0000, 0.0000



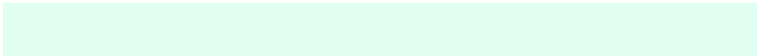
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1396, 0.3037, 0.3406



93.7860, 0.3019, 0.3431



67.2699, 0.2973, 0.3281



14.7243, 0.3042, 0.3399



30.8566, 0.2680, 0.4847



2.0164, 0.2603, 0.4569

Inverse Universe

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



59.4983, 0.3227, 0.3177



80.9794, 0.3250, 0.3153



59.3574, 0.3303, 0.3299



13.1497, 0.3221, 0.3184



9.4940, 0.5137, 0.2604



0.6323, 0.4743, 0.2386

Previews

White Background



This preview shows how the Yxy color 67.1368, 0.3037, 0.3406 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 67.1368, 0.3037, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

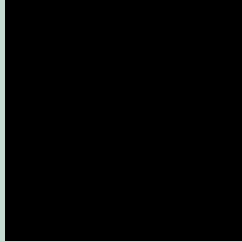
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

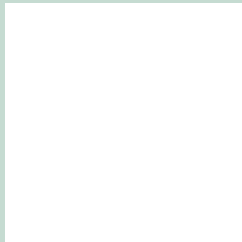
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1368, 0.3037, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 67.1368, 0.3037, 0.3406.

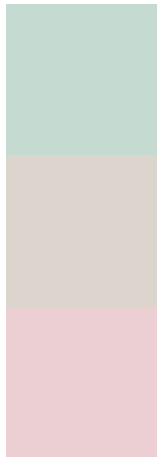


This preview shows how white text looks on a background with the Yxy color 67.1368, 0.3037, 0.3406.

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

67.1368, 0.3037, 0.3406

Protanopia

67.0563, 0.3227, 0.3380

Deuteranopia

66.9910, 0.3313, 0.3248



Tritanopia

66.9016, 0.2912, 0.3088

Trichromacy



Original Color

67.1368, 0.3037, 0.3406

Protanomaly

66.9060, 0.3159, 0.3392

Deuteranomaly

66.6138, 0.3209, 0.3301

Tritanomaly

66.7729, 0.2962, 0.3199

Monochromacy



Original Color

67.1368, 0.3037, 0.3406

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8681, 0.3096, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1368, 0.3037, 0.3406 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(197, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(197, 219, 209)  
}
```

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(197, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 219, 209) }
```

Border

The CSS property to change the border of an element to Yxy 67.1368, 0.3037, 0.3406 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(197, 219, 209) }
```

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

```
.border{ border-color:rgb(197, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(197, 219,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1368, 0.3037, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 219, 209) }
```

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

```
.background{ background-color: rgb(197,  
219, 209) }
```

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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