

Converting Colors

Yxy(64.3328, 0.3025, 0.3382)

Have a look what the booklet for
Yxy(64.3328, 0.3025, 0.3382)
contains.

Yxy(64.4433, 0.3022, 0.3384)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.4433, 0.3022, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	C1D7CF
RGB	193, 215, 207
RGB Percent	76%, 84%, 81%
CMY	0.2433, 0.1568, 0.1882
CMYK	0.10, 0.00, 0.04, 0.16
HSL	158°, 22%, 80%
HSV	158°, 10%, 84%
XYZ	57.5495, 64.4433, 68.4424
YIQ	207.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

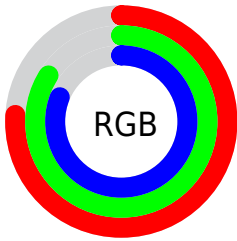
Format	Color
R _Y B	193, 206, 215
Decimal	12703695
CIE Lab	84.20, -8.88, 1.43
CIE LCh	84, 8.996, 170.868
Yxy	64.4433, 0.3022, 0.3384
Android (android.graphics.Color)	4290893775 (0xFFC1D7CF)
YUV	207.5100, -0.2514, -12.7253
Hunter-Lab	80.2766, -12.5190, 5.6440

Details

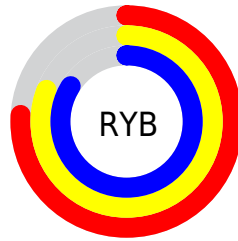
The Yxy color **64.4433, 0.3022, 0.3384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7901, 0.3245, 0.3198**, and the grayscale version is **62.7481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **32.9305, 0.2991, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **61.4508, 0.2923, 0.3486**, and if you desaturate by 10%, it is **67.8709, 0.3125, 0.3292**.

Distribution



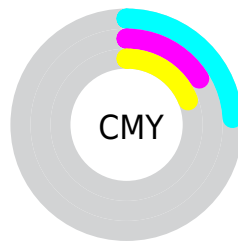
- Red (76%)
- Green (84%)
- Blue (81%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4433, 0.3022, 0.3384 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 64.4433, 0.3022, 0.3384 by changing the saturation by 10% instead.

■ 64.4433, 0.3022,
0.3384

■ 64.4433, 0.3022,
0.3384

440.7887, 0.3072,
0.3339

■ 47.0098, 0.3010,
0.3395

■ 111.2491, 0.3040,
0.3368

■ 33.0434, 0.2996,
0.3408

141.3902, 0.3046,
0.3362

■ 22.1597, 0.2977,
0.3425

176.5360, 0.3052,
0.3357

■ 13.9743, 0.2952,
0.3447

217.0709, 0.3057,
0.3353

■ 8.1028, 0.2916,
0.3479

263.3792, 0.3062,
0.3349

■ 4.1608, 0.2863,
0.3528

315.8453, 0.3065,

■ 1.7639, 0.2775,

0.3345

0.3609

374.8537, 0.3069,
0.3342

0.4645, 0.2052,
0.4241

0.0000, 0.0000,
0.0000

64.4433, 0.3022,
0.3384

64.4433, 0.3022,
0.3384

61.4508, 0.2923,
0.3486

67.8709, 0.3125,
0.3292

58.8673, 0.2831,
0.3598

71.7424, 0.3229,
0.3210

56.6763, 0.2748,
0.3718

75.6045, 0.3314,
0.3136

54.8571, 0.2678,
0.3848

76.0540, 0.3259,
0.3060

■ 53.3869, 0.2623,
0.3983

■ 76.5235, 0.3206,
0.2985

■ 52.2403, 0.2587,
0.4123

■ 77.0130, 0.3153,
0.2911

■ 51.3886, 0.2570,
0.4264

■ 77.0874, 0.3145,
0.2901

■ 50.7974, 0.2574,
0.4404

■ 50.4124, 0.2594,
0.4538

Harmonies

Analogous

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



64.4433, 0.3132, 0.3460



64.4433, 0.3022, 0.3384



64.4433, 0.2941, 0.3282

Triad

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



64.4433, 0.3022, 0.3384



64.4433, 0.3011, 0.3098



64.4433, 0.3350, 0.3389

Complementary

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



64.4433, 0.3022, 0.3384



56.7901, 0.3245, 0.3198

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.



64.4433, 0.3317, 0.3293



64.4433, 0.3022, 0.3384



64.4433, 0.3119, 0.3128

Square

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



64.4433, 0.3022, 0.3384



64.4433, 0.2935, 0.3119



64.4433, 0.3232, 0.3199



64.4433, 0.3322, 0.3461

Rectangle

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



64.4433, 0.3022, 0.3384



64.4433, 0.2914, 0.3215



64.4433, 0.3232, 0.3199



64.4433, 0.3346, 0.3359

Sweetspot

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



64.4460, 0.3022, 0.3384



98.4003, 0.3096, 0.3317



64.8807, 0.3174, 0.3549



20.9724, 0.3087, 0.3324



0.0000, 0.0000, 0.0000



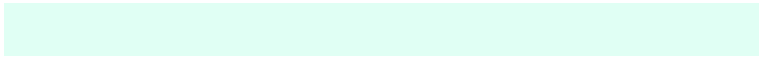
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4460, 0.3022, 0.3384



93.9564, 0.3003, 0.3402



63.3638, 0.2970, 0.3255



14.0278, 0.3030, 0.3376



30.1696, 0.2588, 0.4517



1.8353, 0.2522, 0.4279

Inverse Universe

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



56.7901, 0.3245, 0.3198



80.8142, 0.3269, 0.3181



57.7356, 0.3304, 0.3325



12.4946, 0.3235, 0.3206



8.9891, 0.5512, 0.2810



0.5578, 0.5035, 0.2547

Previews

White Background



This preview shows how the Yxy color 64.4433, 0.3022, 0.3384 looks on a white background.

Color Contrast Check

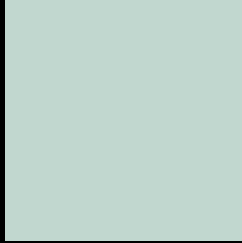
Large Text (above 18pt) WCAG AA × Fail

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 64.4433, 0.3022, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

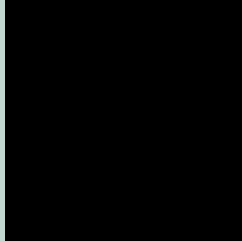
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

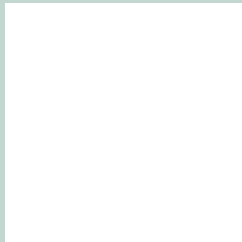
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4433, 0.3022, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 64.4433, 0.3022, 0.3384.

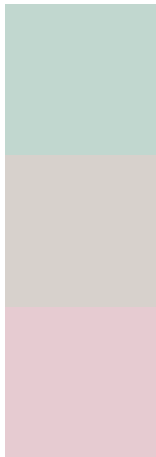


This preview shows how white text looks on a background with the Yxy color 64.4433, 0.3022, 0.3384.

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

64.4433, 0.3022, 0.3384

Protanopia

64.4076, 0.3207, 0.3347

Deuteranopia

64.1383, 0.3293, 0.3225



Tritanopia

64.6144, 0.2909, 0.3096

Trichromacy



Original Color

64.4433, 0.3022, 0.3384

Protanomaly

64.2617, 0.3139, 0.3359

Deuteranomaly

63.9314, 0.3196, 0.3279

Tritanomaly

64.5447, 0.2953, 0.3197

Monochromacy



Original Color

64.4433, 0.3022, 0.3384

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8391, 0.3089, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4433, 0.3022, 0.3384 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(193, 215, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 207)  
}
```

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(193, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 207) }
```

Border

The CSS property to change the border of an element to Yxy 64.4433, 0.3022, 0.3384 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(193, 215, 207) }
```

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

```
.border{ border-color:rgb(193, 215, 207) }
```

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

Here you see how a box with a 4 pixel rgb(193, 215, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4433, 0.3022, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 207) }
```

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

```
.background{ background-color: rgb(193,  
215, 207) }
```

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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