

Converting Colors

Yxy(64.6837, 0.3048, 0.3433)

Have a look what the booklet for
Yxy(64.6837, 0.3048, 0.3433)
contains.

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Color

Yxy(64.8088, 0.3042, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	C1D8CC
RGB	193, 216, 204
RGB Percent	76%, 85%, 80%
CMY	0.2431, 0.1529, 0.2001
CMYK	0.11, 0.00, 0.06, 0.15
HSL	149°, 23%, 80%
HSV	149°, 11%, 85%
XYZ	57.4442, 64.8088, 66.5839
YIQ	207.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

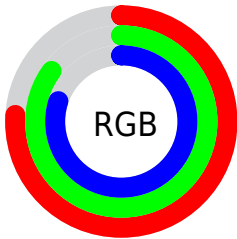
Format	Color
RYB	193, 209, 216
Decimal	12703948
CIELab	84.39, -9.96, 3.32
CIELCh	84, 10.494, 161.564
Yxy	64.8088, 0.3042, 0.3432
Android (android.graphics.Color)	4290894028 (0xFFC1D8CC)
YUV	207.7550, -1.8512, -12.9401
Hunter-Lab	80.5039, -13.5118, 7.3147

Details

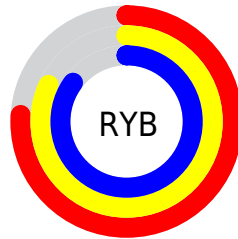
The Yxy color **64.8088, 0.3042, 0.3432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1524, 0.3222, 0.3152**, and the grayscale version is **62.9271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **33.1807, 0.3016, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **61.6537, 0.2964, 0.3582**, and if you desaturate by 10%, it is **68.4234, 0.3122, 0.3298**.

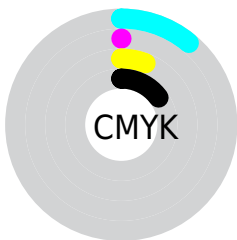
Distribution



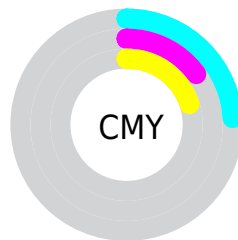
- Red (76%)
- Green (85%)
- Blue (80%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)




- Cyan (24%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8088, 0.3042, 0.3432 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 64.8088, 0.3042, 0.3432 by changing the saturation by 10% instead.

 64.8088, 0.3042,
0.3432

 64.8088, 0.3042,
0.3432


442.1046, 0.3083,
0.3364

 47.3061, 0.3032,
0.3448


 111.7749, 0.3056,
0.3408

 33.2777, 0.3020,
0.3468


142.0071, 0.3062,
0.3399

 22.3392, 0.3005,
0.3494


177.2512, 0.3067,
0.3391

 14.1064, 0.2984,
0.3529

217.8916, 0.3071,
0.3384

 8.1947, 0.2955,
0.3579

264.3128, 0.3074,
0.3378

 4.2198, 0.2910,
0.3654

316.8991, 0.3077,

 1.7973, 0.2835,

0.3373

0.3781

376.0349, 0.3080,
0.3368

0.4855, 0.2183,
0.4853

0.0000, 0.0000,
0.0000

64.8088, 0.3042,
0.3432

64.8088, 0.3042,
0.3432

61.6537, 0.2964,
0.3582

68.4234, 0.3122,
0.3298

58.9312, 0.2891,
0.3747

72.5070, 0.3202,
0.3179

56.6239, 0.2826,
0.3927

76.5425, 0.3261,
0.3073

54.7102, 0.2771,
0.4119

77.2281, 0.3184,
0.2965

■ 53.1663, 0.2731,
0.4321

■ 77.5956, 0.3145,
0.2910

■ 51.9659, 0.2708,
0.4528

■ 51.0788, 0.2705,
0.4733

■ 50.4694, 0.2721,
0.4930

■ 50.0928, 0.2751,
0.5104

Harmonies

Analogous

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



64.8088, 0.3174, 0.3506



64.8088, 0.3042, 0.3432



64.8088, 0.2935, 0.3319

Triad

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



64.8088, 0.3042, 0.3432



64.8088, 0.2959, 0.3068



64.8088, 0.3382, 0.3372

Complementary

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



64.8088, 0.3042, 0.3432



57.1524, 0.3222, 0.3152

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.



64.8088, 0.3323, 0.3258



64.8088, 0.3042, 0.3432



64.8088, 0.3077, 0.3086

Square

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



64.8088, 0.3042, 0.3432



64.8088, 0.2888, 0.3109



64.8088, 0.3210, 0.3154



64.8088, 0.3372, 0.3467

Rectangle

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



64.8088, 0.3042, 0.3432



64.8088, 0.2891, 0.3238



64.8088, 0.3210, 0.3154



64.8088, 0.3370, 0.3334

Sweetspot

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



64.8115, 0.3042, 0.3432



98.3225, 0.3103, 0.3329



65.9841, 0.3204, 0.3557



20.9514, 0.3096, 0.3339



0.0000, 0.0000, 0.0000



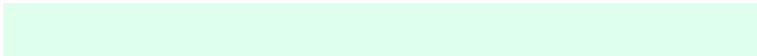
21.4041, 0.3127, 0.3290

Same Dimension

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



64.8115, 0.3042, 0.3432



93.1779, 0.3022, 0.3468



65.3724, 0.2969, 0.3298



13.9935, 0.3052, 0.3415



29.6691, 0.2743, 0.5076



1.8062, 0.2653, 0.4749

Inverse Universe

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



57.1524, 0.3222, 0.3152



79.6672, 0.3247, 0.3119



56.6270, 0.3309, 0.3282



12.5284, 0.3210, 0.3169



9.3702, 0.4848, 0.2444



0.5819, 0.4488, 0.2246

Previews

White Background



This preview shows how the Yxy color 64.8088, 0.3042, 0.3432 looks on a white background.

Color Contrast Check

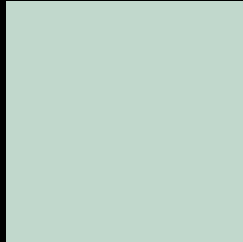
Large Text (above 18pt) WCAG AA × Fail

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 64.8088, 0.3042, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

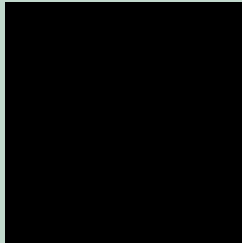
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

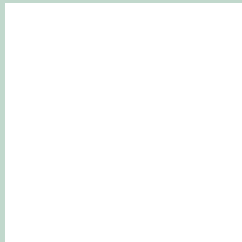
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8088, 0.3042, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 64.8088, 0.3042, 0.3432.

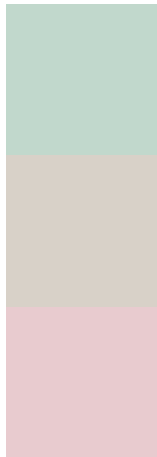


This preview shows how white text looks on a background with the Yxy color 64.8088, 0.3042, 0.3432.

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

64.8088, 0.3042, 0.3432

Protanopia

64.3700, 0.3244, 0.3393

Deuteranopia

64.3727, 0.3324, 0.3247



Tritanopia

64.6144, 0.2909, 0.3096

Trichromacy



Original Color

64.8088, 0.3042, 0.3432

Protanomaly

64.7139, 0.3173, 0.3417

Deuteranomaly

64.4734, 0.3217, 0.3313

Tritanomaly

64.4916, 0.2959, 0.3209

Monochromacy



Original Color

64.8088, 0.3042, 0.3432

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.7900, 0.3095, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8088, 0.3042, 0.3432 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, 216, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 216, 204)  
}
```

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, 216, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 216, 204) }
```

Border

The CSS property to change the border of an element to Yxy 64.8088, 0.3042, 0.3432 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, 216, 204) }
```

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

```
.border{ border-color:rgb(193, 216, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 216, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 216, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 216, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 216,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8088, 0.3042, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 216, 204) }
```

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

```
.background{ background-color: rgb(193,  
216, 204) }
```

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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