

Converting Colors

Yxy(63.2484, 0.3088, 0.3519)

Have a look what the booklet for
Yxy(63.2484, 0.3088, 0.3519)
contains.

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Color

Yxy(63.1096, 0.3087, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	BFD6C3
RGB	191, 214, 195
RGB Percent	75%, 84%, 76%
CMY	0.2511, 0.1607, 0.2352
CMYK	0.11, 0.00, 0.09, 0.16
HSL	131°, 22%, 79%
HSV	131°, 11%, 84%
XYZ	55.3779, 63.1096, 60.9031
YIQ	204.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

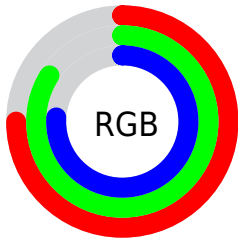
Format	Color
RYB	191, 211, 214
Decimal	12572355
CIELab	83.50, -11.27, 6.76
CIELCh	84, 13.145, 149.028
Yxy	63.1096, 0.3087, 0.3518
Android (android.graphics.Color)	4290762435 (0xFFBFD6C3)
YUV	204.9570, -4.9088, -12.2403
Hunter-Lab	79.4416, -14.5922, 10.1550

Details

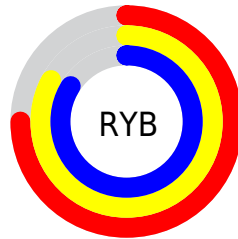
The Yxy color **63.1096, 0.3087, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1961, 0.3170, 0.3072**, and the grayscale version is **61.0557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3224, 0.3095, 0.3319**, and **32.0377, 0.3075, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **59.7865, 0.3049, 0.3758**, and if you desaturate by 10%, it is **66.9377, 0.3124, 0.3305**.

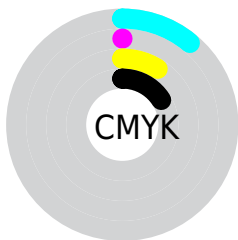
Distribution



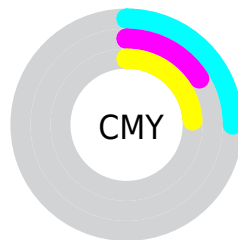
- Red (75%)
- Green (84%)
- Blue (76%)



- Red (75%)
- Yellow (83%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1096, 0.3087, 0.3518 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 63.1096, 0.3087, 0.3518 by changing the saturation by 10% instead.

63.1096, 0.3087,
0.3518

63.1096, 0.3087,
0.3518

435.9671, 0.3107,
0.3408

45.9299, 0.3082,
0.3544

109.3276, 0.3094,
0.3479

32.1905, 0.3076,
0.3578

139.1347, 0.3097,
0.3464

21.5070, 0.3067,
0.3621

173.9197, 0.3099,
0.3451

13.4951, 0.3056,
0.3679

214.0670, 0.3101,
0.3440

7.7704, 0.3039,
0.3763

259.9610, 0.3103,
0.3431

3.9484, 0.3012,
0.3892

311.9861, 0.3104,

1.6447, 0.2962,

0.3422

0.4117

370.5267, 0.3106,
0.3415

0.3875, 0.1938,
0.8062

0.0000, 0.0000,
0.0000

63.1096, 0.3087,
0.3518

63.1096, 0.3087,
0.3518

59.7865, 0.3049,
0.3758

66.9377, 0.3124,
0.3305

56.9396, 0.3013,
0.4026

71.2823, 0.3160,
0.3119

54.5493, 0.2980,
0.4316

76.1323, 0.3194,
0.2957

52.5916, 0.2952,
0.4622

76.5792, 0.3146,
0.2891

■ 51.0403, 0.2932,
0.4931

■ 49.8661, 0.2923,
0.5227

■ 49.0361, 0.2925,
0.5491

■ 48.5110, 0.2940,
0.5705

■ 48.2369, 0.2958,
0.5850

Harmonies

Analogous

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



63.1096, 0.3253, 0.3580



63.1096, 0.3087, 0.3518



63.1096, 0.2934, 0.3389

Triad

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



63.1096, 0.3087, 0.3518



63.1096, 0.2869, 0.3023



63.1096, 0.3429, 0.3332

Complementary

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



63.1096, 0.3087, 0.3518



56.1961, 0.3170, 0.3072

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.



63.1096, 0.3321, 0.3191



63.1096, 0.3087, 0.3518



63.1096, 0.2996, 0.3016

Square

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



63.1096, 0.3087, 0.3518



63.1096, 0.2811, 0.3102



63.1096, 0.3161, 0.3077



63.1096, 0.3454, 0.3467

Rectangle

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



63.1096, 0.3087, 0.3518



63.1096, 0.2860, 0.3287



63.1096, 0.3161, 0.3077



63.1096, 0.3401, 0.3284

Sweetspot

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



63.1123, 0.3087, 0.3518



98.1784, 0.3116, 0.3351



65.5861, 0.3257, 0.3556



20.9126, 0.3113, 0.3368



0.0000, 0.0000, 0.0000



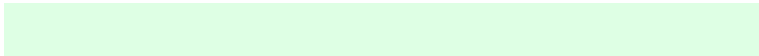
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1123, 0.3087, 0.3518



92.6096, 0.3078, 0.3572



63.6436, 0.3012, 0.3381



13.9313, 0.3092, 0.3488



29.1632, 0.2953, 0.5831



1.7700, 0.2870, 0.5530

Inverse Universe

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



56.1961, 0.3170, 0.3072



80.2731, 0.3180, 0.3023



55.6522, 0.3257, 0.3201



12.5935, 0.3164, 0.3100



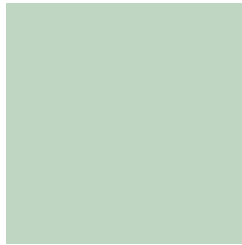
10.5583, 0.3708, 0.1816



0.6469, 0.3607, 0.1761

Previews

White Background



This preview shows how the Yxy color 63.1096, 0.3087, 0.3518 looks on a white background.

Color Contrast Check

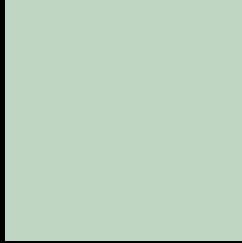
Large Text (above 18pt) WCAG AA × Fail

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 63.1096, 0.3087, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

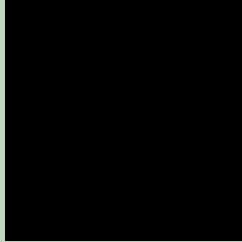
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

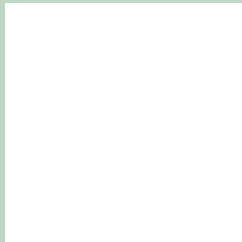
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1096, 0.3087, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 63.1096, 0.3087, 0.3518.



This preview shows how white text looks on a background with the Yxy color 63.1096, 0.3087, 0.3518.

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

63.1096, 0.3087, 0.3518

Protanopia

62.8343, 0.3303, 0.3474

Deuteranopia

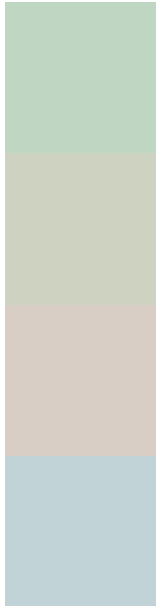
63.0063, 0.3395, 0.3324



Tritanopia

62.8277, 0.2920, 0.3094

Trichromacy



Original Color

63.1096, 0.3087, 0.3518

Protanomaly

63.0208, 0.3223, 0.3501

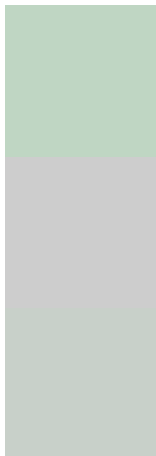
Deuteranomaly

62.9255, 0.3276, 0.3393

Tritanomaly

62.9642, 0.2977, 0.3243

Monochromacy



Original Color

63.1096, 0.3087, 0.3518

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6082, 0.3116, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1096, 0.3087, 0.3518 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(191, 214, 195)` looks like.

```
.text, #text, p{  
    color:rgb(191, 214, 195)  
}
```

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(191, 214, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 195) }
```

Border

The CSS property to change the border of an element to Yxy 63.1096, 0.3087, 0.3518 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(191, 214, 195) }
```

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

```
.border{ border-color:rgb(191, 214, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 214, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 195);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1096, 0.3087, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 195) }
```

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

```
.background{ background-color: rgb(191,  
214, 195) }
```

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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