

Converting Colors

$Yxy(64.0775, 0.3092, 0.3606)$

Have a look what the booklet for
Yxy(64.0775, 0.3092, 0.3606)
contains.

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Color

Yxy(64.0787, 0.3091, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	BCD9BF
RGB	188, 217, 191
RGB Percent	74%, 85%, 75%
CMY	0.2627, 0.1490, 0.2510
CMYK	0.13, 0.00, 0.12, 0.15
HSL	126°, 28%, 79%
HSV	126°, 13%, 85%
XYZ	54.9576, 64.0787, 58.7625
YIQ	205.3650, -8.9380, -14.2340

Conversions

Conversions Part 2

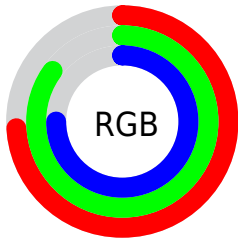
Format	Color
RYB	188, 214, 217
Decimal	12376511
CIELab	84.01, -14.51, 9.59
CIELCh	84, 17.397, 146.540
Yxy	64.0787, 0.3091, 0.3604
Android (android.graphics.Color)	4290566591 (0xFFBCD9BF)
YUV	205.3650, -7.0819, -15.2291
Hunter-Lab	80.0492, -17.5372, 12.5108

Details

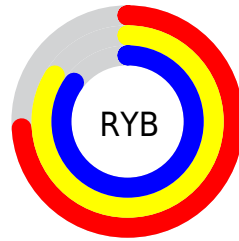
The Yxy color **64.0787, 0.3091, 0.3604** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.5786, 0.3165, 0.2995**, and the grayscale version is **61.3476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4685, 0.3105, 0.3368**, and **32.8265, 0.3081, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **60.7286, 0.3063, 0.3875**, and if you desaturate by 10%, it is **67.9625, 0.3118, 0.3364**.

Distribution



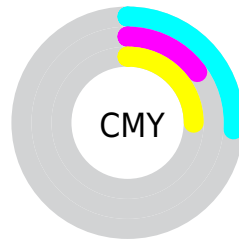
- Red (74%)
- Green (85%)
- Blue (75%)



- Red (74%)
- Yellow (84%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0787, 0.3091, 0.3604 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 64.0787, 0.3091, 0.3604 by changing the saturation by 10% instead.

■ 64.0787, 0.3091,
0.3604

■ 64.0787, 0.3091,
0.3604

439.4738, 0.3110,
0.3452

■ 46.7144, 0.3086,
0.3640

■ 110.7243, 0.3098,
0.3550

■ 32.8099, 0.3080,
0.3687

140.7743, 0.3100,
0.3529

■ 21.9809, 0.3071,
0.3747

175.8218, 0.3103,
0.3512

■ 13.8429, 0.3059,
0.3828

216.2511, 0.3104,
0.3496

■ 8.0115, 0.3041,
0.3944

262.4465, 0.3106,
0.3483

■ 4.1023, 0.3011,
0.4124

314.7925, 0.3107,

■ 1.7309, 0.2951,

0.3472

0.4437

373.6735, 0.3109,
0.3461

0.4436, 0.1317,
0.8683

0.0000, 0.0000,
0.0000

64.0787, 0.3091,
0.3604

64.0787, 0.3091,
0.3604

60.7286, 0.3063,
0.3875

67.9625, 0.3118,
0.3364

57.8811, 0.3036,
0.4174

72.3933, 0.3144,
0.3154

55.5143, 0.3010,
0.4495

77.3942, 0.3168,
0.2972

53.6017, 0.2989,
0.4826

78.1070, 0.3145,
0.2920

■ 52.1140, 0.2973,
0.5150

■ 51.0185, 0.2966,
0.5444

■ 50.2778, 0.2967,
0.5687

■ 49.8469, 0.2975,
0.5860

■ 49.6865, 0.2982,
0.5936

Harmonies

Analogous

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



64.0787, 0.3309, 0.3677



64.0787, 0.3091, 0.3604



64.0787, 0.2888, 0.3437

Triad

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



64.0787, 0.3091, 0.3604



64.0787, 0.2779, 0.2945



64.0787, 0.3518, 0.3327

Complementary

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



64.0787, 0.3091, 0.3604



55.5786, 0.3165, 0.2995

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.



64.0787, 0.3366, 0.3146



64.0787, 0.3091, 0.3604



64.0787, 0.2937, 0.2929

Square

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



64.0787, 0.3091, 0.3604



64.0787, 0.2712, 0.3052



64.0787, 0.3152, 0.3002



64.0787, 0.3560, 0.3507

Rectangle

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



64.0787, 0.3091, 0.3604



64.0787, 0.2787, 0.3301



64.0787, 0.3152, 0.3002



64.0787, 0.3478, 0.3265

Sweetspot

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



64.0814, 0.3091, 0.3604



97.5413, 0.3116, 0.3379



67.5700, 0.3304, 0.3621



20.7820, 0.3114, 0.3396



0.0000, 0.0000, 0.0000



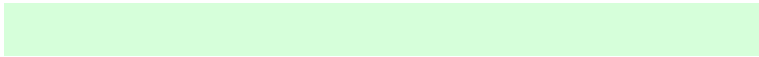
21.4041, 0.3127, 0.3290

Same Dimension

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



64.0814, 0.3091, 0.3604



90.9297, 0.3083, 0.3676



64.7471, 0.2998, 0.3428



14.6280, 0.3102, 0.3506



30.0841, 0.2979, 0.5923



1.9566, 0.2924, 0.5727

Inverse Universe

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



55.5786, 0.3165, 0.2995



76.4062, 0.3174, 0.2932



54.8748, 0.3278, 0.3156



13.2505, 0.3153, 0.3083



11.3135, 0.3486, 0.1694



0.7398, 0.3435, 0.1666

Previews

White Background



This preview shows how the Yxy color 64.0787, 0.3091, 0.3604 looks on a white background.

Color Contrast Check

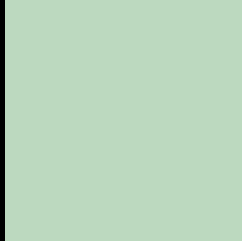
Large Text (above 18pt) WCAG AA × Fail

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 64.0787, 0.3091, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

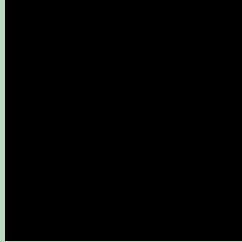
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

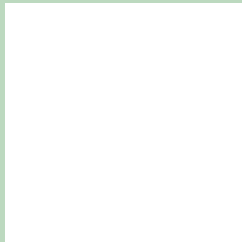
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0787, 0.3091, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 64.0787, 0.3091, 0.3604.



This preview shows how white text looks on a background with the Yxy color 64.0787, 0.3091, 0.3604.

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

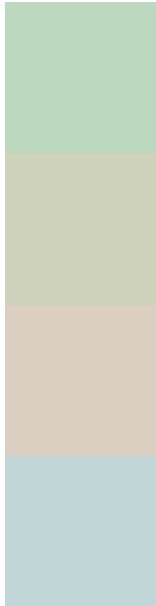




Tritanopia

64.1577, 0.2894, 0.3106

Trichromacy



Original Color

64.0787, 0.3091, 0.3604

Protanomaly

63.4848, 0.3258, 0.3559

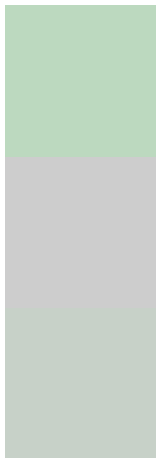
Deuteranomaly

63.3813, 0.3312, 0.3450

Tritanomaly

64.2059, 0.2964, 0.3278

Monochromacy



Original Color

64.0787, 0.3091, 0.3604

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.9132, 0.3115, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0787, 0.3091, 0.3604 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(188, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 217, 191)  
}
```

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(188, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 64.0787, 0.3091, 0.3604 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(188, 217, 191) }
```

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

```
.border{ border-color:rgb(188, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0787, 0.3091, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 217, 191) }
```

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

```
.background{ background-color: rgb(188,  
217, 191) }
```

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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