

Converting Colors

Yxy(64.3697, 0.3048, 0.3631)

Have a look what the booklet for
Yxy(64.3697, 0.3048, 0.3631)
contains.

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Color

Yxy(64.3697, 0.3048, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	B6DBBF
RGB	182, 219, 191
RGB Percent	71%, 86%, 75%
CMY	0.2861, 0.1412, 0.2509
CMYK	0.17, 0.00, 0.13, 0.14
HSL	135°, 34%, 79%
HSV	135°, 17%, 86%
XYZ	54.0344, 64.3697, 58.8741
YIQ	204.7450, -13.0640, -16.5520

Conversions

Conversions Part 2

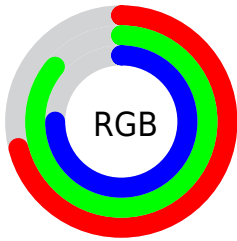
Format	Color
RYB	182, 212, 219
Decimal	11983807
CIELab	84.16, -17.51, 9.75
CIELCh	84, 20.043, 150.893
Yxy	64.3697, 0.3048, 0.3631
Android (android.graphics.Color)	4290173887 (0xFFB6DBBF)
YUV	204.7450, -6.7763, -19.9474
Hunter-Lab	80.2307, -20.1863, 12.6539

Details

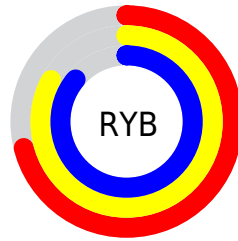
The Yxy color **64.3697, 0.3048, 0.3631** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.1848, 0.3217, 0.2971**, and the grayscale version is **60.9359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4125, 0.3068, 0.3369**, and **33.0530, 0.3025, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **61.2213, 0.3002, 0.3867**, and if you desaturate by 10%, it is **68.0232, 0.3095, 0.3420**.

Distribution



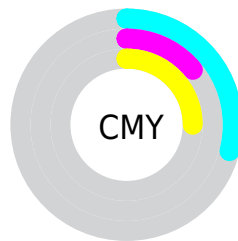
- Red (71%)
- Green (86%)
- Blue (75%)



- Red (71%)
- Yellow (83%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)




- Cyan (29%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3697, 0.3048, 0.3631 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 64.3697, 0.3048, 0.3631 by changing the saturation by 10% instead.

 64.3697, 0.3048,
0.3631

 64.3697, 0.3048,
0.3631


440.5235, 0.3087,
0.3466

 46.9502, 0.3038,
0.3671

 111.1432, 0.3062,
0.3572

 32.9963, 0.3026,
0.3721


141.2660, 0.3068,
0.3550

 22.1236, 0.3009,
0.3787


176.3919, 0.3072,
0.3530

 13.9477, 0.2986,
0.3875

216.9055, 0.3076,
0.3514

 8.0843, 0.2953,
0.4003

263.1910, 0.3079,
0.3500

 4.1490, 0.2899,
0.4200

315.6329, 0.3082,

 1.7572, 0.2799,

0.3487

0.4546

374.6156, 0.3085,
0.3476

0.4603, 0.0213,
0.9787

0.0000, 0.0000,
0.0000

64.3697, 0.3048,
0.3631

64.3697, 0.3048,
0.3631

61.2213, 0.3002,
0.3867

68.0232, 0.3095,
0.3420

58.5477, 0.2960,
0.4125

72.1942, 0.3142,
0.3235

56.3280, 0.2924,
0.4403

76.9051, 0.3187,
0.3072

54.5363, 0.2896,
0.4691

79.1405, 0.3144,
0.2940

■ 53.1442, 0.2881,
0.4978

■ 52.1196, 0.2880,
0.5250

■ 51.4253, 0.2893,
0.5490

■ 51.0139, 0.2919,
0.5686

■ 50.9193, 0.2927,
0.5738

Harmonies

Analogous

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



64.3697, 0.3300, 0.3733



64.3697, 0.3048, 0.3631



64.3697, 0.2824, 0.3426

Triad

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



64.3697, 0.3048, 0.3631



64.3697, 0.2748, 0.2885



64.3697, 0.3593, 0.3362

Complementary

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



64.3697, 0.3048, 0.3631



53.1848, 0.3217, 0.2971

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.



64.3697, 0.3433, 0.3153



64.3697, 0.3048, 0.3631



64.3697, 0.2942, 0.2884

Square

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



64.3697, 0.3048, 0.3631



64.3697, 0.2655, 0.2992



64.3697, 0.3192, 0.2981



64.3697, 0.3622, 0.3563

Rectangle

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



64.3697, 0.3048, 0.3631



64.3697, 0.2718, 0.3266



64.3697, 0.3192, 0.2981



64.3697, 0.3553, 0.3291

Sweetspot

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



64.3724, 0.3048, 0.3631



97.0553, 0.3104, 0.3385



67.7958, 0.3314, 0.3716



20.6885, 0.3100, 0.3398



0.0000, 0.0000, 0.0000



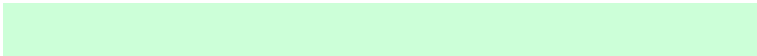
21.4041, 0.3127, 0.3290

Same Dimension

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



64.3724, 0.3048, 0.3631



89.3353, 0.3033, 0.3706



65.2206, 0.2934, 0.3407



14.6578, 0.3083, 0.3472



30.2088, 0.2921, 0.5714



1.9707, 0.2832, 0.5396

Inverse Universe

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



53.1848, 0.3217, 0.2971



70.8934, 0.3238, 0.2907



52.3318, 0.3365, 0.3176



13.2180, 0.3175, 0.3115



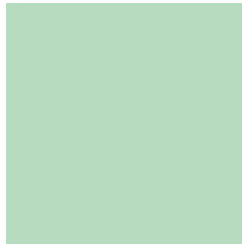
10.5763, 0.3934, 0.1941



0.6984, 0.3791, 0.1862

Previews

White Background



This preview shows how the Yxy color 64.3697, 0.3048, 0.3631 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 64.3697, 0.3048, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

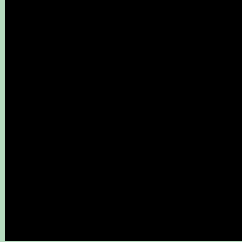
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

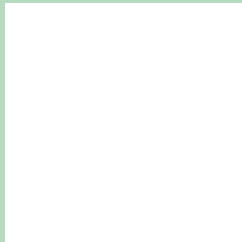
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3697, 0.3048, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 64.3697, 0.3048, 0.3631.



This preview shows how white text looks on a background with the Yxy color 64.3697, 0.3048, 0.3631.

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

64.3697, 0.3048, 0.3631

Protanopia

64.2062, 0.3369, 0.3553

Deuteranopia

63.7983, 0.3448, 0.3378



Tritanopia

64.1205, 0.2849, 0.3093

Trichromacy



Original Color

64.3697, 0.3048, 0.3631

Protanomaly

64.3412, 0.3248, 0.3583

Deuteranomaly

63.5609, 0.3295, 0.3462

Tritanomaly

63.9978, 0.2916, 0.3278

Monochromacy



Original Color

64.3697, 0.3048, 0.3631

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.1336, 0.3099, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3697, 0.3048, 0.3631 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(182, 219, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 219, 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(182, 219, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 219, 191) }
```

Border

The CSS property to change the border of an element to Yxy 64.3697, 0.3048, 0.3631 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(182, 219, 191) }
```

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

```
.border{ border-color:rgb(182, 219, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 219, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 219, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 219, 191); box-shadow:4px 4px 4px 4px rgb(182, 219, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3697, 0.3048, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 219, 191) }
```

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

```
.background{ background-color: rgb(182,  
219, 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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