

Converting Colors

$Y_{xy}(65.0790, 0.3146, 0.3784)$

Have a look what the booklet for
Yxy(65.0790, 0.3146, 0.3784)
contains.

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Color

Yxy(64.9208, 0.3147, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	BADCBA
RGB	186, 220, 180
RGB Percent	73%, 86%, 71%
CMY	0.2704, 0.1373, 0.2940
CMYK	0.15, 0.00, 0.18, 0.14
HSL	111°, 36%, 78%
HSV	111°, 18%, 86%
XYZ	54.0921, 64.9208, 52.8717
YIQ	205.2740, -7.4240, -19.6480

Conversions

Conversions Part 2

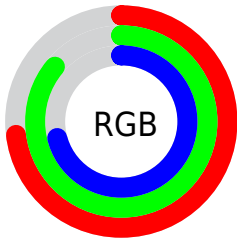
Format	Color
RYB	180, 220, 214
Decimal	12246196
CIELab	84.44, -18.59, 15.98
CIELCh	84, 24.515, 139.325
Yxy	64.9208, 0.3147, 0.3777
Android (android.graphics.Color)	4290436276 (0xFFBADCB4)
YUV	205.2740, -12.4601, -16.9033
Hunter-Lab	80.5734, -21.1696, 17.4958

Details

The Yxy color **64.9208, 0.3147, 0.3777** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.1095, 0.3099, 0.2835**, and the grayscale version is **61.3261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4534, 0.3156, 0.3478**, and **33.3481, 0.3144, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **61.9071, 0.3154, 0.4087**, and if you desaturate by 10%, it is **68.3882, 0.3137, 0.3496**.

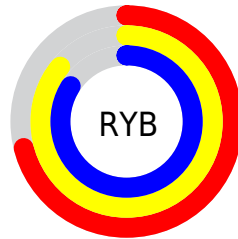
Distribution



Red (73%)

Green (86%)

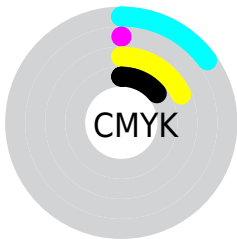
Blue (71%)



Red (71%)

Yellow (86%)

Blue (84%)

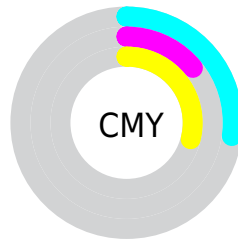


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (14%)



Cyan (27%)


Magenta (14%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9208, 0.3147, 0.3777 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 64.9208, 0.3147, 0.3777 by changing the saturation by 10% instead.

 64.9208, 0.3147,
0.3777

 64.9208, 0.3147,
0.3777

442.5073, 0.3141,
0.3540

 47.3969, 0.3147,
0.3834


 111.9360, 0.3146,
0.3692

 33.3495, 0.3147,
0.3907


142.1960, 0.3145,
0.3660

 22.3943, 0.3146,
0.4001


177.4702, 0.3144,
0.3633

 14.1469, 0.3143,
0.4129

218.1430, 0.3144,
0.3609

 8.2229, 0.3134,
0.4312

264.5986, 0.3143,
0.3588

 4.2379, 0.3114,
0.4595


317.2217, 0.3142,

 1.8075, 0.3088,


0.3570


0.5138


376.3964, 0.3142,
0.3554

 0.4919, 0.0269,
0.9731


 0.0000, 0.0000,
0.0000


 64.9208, 0.3147,
0.3777

 64.9208, 0.3147,
0.3777


 61.9071, 0.3154,
0.4087


 68.3882, 0.3137,
0.3496


 59.3205, 0.3157,
0.4420

 72.3185, 0.3125,
0.3247

 57.1438, 0.3155,
0.4764

 76.7309, 0.3112,
0.3027

 55.3557, 0.3145,
0.5102

 79.6617, 0.3143,
0.2950

■ 53.9330, 0.3128,
0.5411

■ 52.8499, 0.3103,
0.5666

■ 52.0767, 0.3074,
0.5849

■ 51.5766, 0.3043,
0.5954

■ 51.5080, 0.3039,
0.5969

Harmonies

Analogous

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



64.9208, 0.3446, 0.3837



64.9208, 0.3147, 0.3777



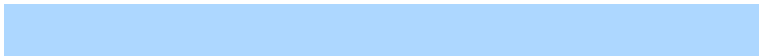
64.9208, 0.2853, 0.3564

Triad

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



64.9208, 0.3147, 0.3777



64.9208, 0.2609, 0.2833



64.9208, 0.3638, 0.3274

Complementary

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



64.9208, 0.3147, 0.3777



52.1095, 0.3099, 0.2835

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.



64.9208, 0.3394, 0.3035



64.9208, 0.3147, 0.3777



64.9208, 0.2798, 0.2785

Square

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



64.9208, 0.3147, 0.3777



64.9208, 0.2552, 0.3005



64.9208, 0.3083, 0.2859



64.9208, 0.3739, 0.3528

Rectangle

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



64.9208, 0.3147, 0.3777



64.9208, 0.2697, 0.3372



64.9208, 0.3083, 0.2859



64.9208, 0.3570, 0.3190

Sweetspot

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



64.9236, 0.3147, 0.3777



97.2099, 0.3133, 0.3415



66.2651, 0.3412, 0.3669



20.7259, 0.3134, 0.3433



0.0000, 0.0000, 0.0000



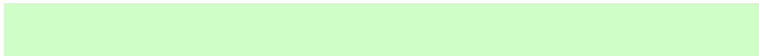
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9236, 0.3147, 0.3777



88.9564, 0.3150, 0.3898



64.7536, 0.3019, 0.3615



14.7000, 0.3138, 0.3530



30.2624, 0.3045, 0.5964



1.9909, 0.3136, 0.5892

Inverse Universe

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



52.1095, 0.3099, 0.2835



67.7112, 0.3091, 0.2730



52.3551, 0.3254, 0.2986



13.1702, 0.3114, 0.3058



9.2585, 0.2832, 0.1334



0.6274, 0.2897, 0.1370

Previews

White Background



This preview shows how the Yxy color 64.9208, 0.3147, 0.3777 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 64.9208, 0.3147, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

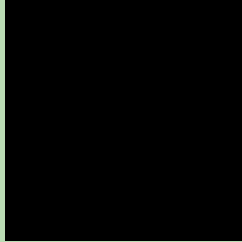
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

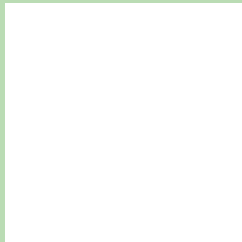
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9208, 0.3147, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 64.9208, 0.3147, 0.3777.

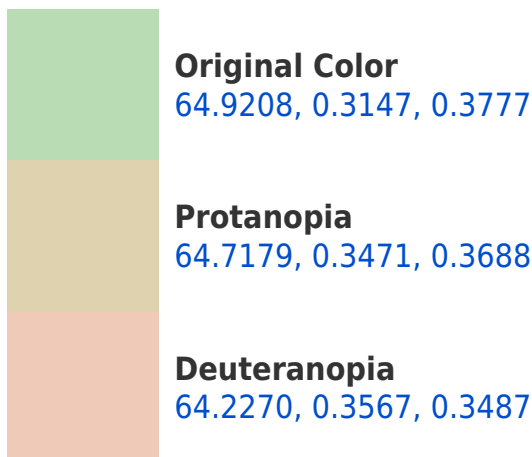


This preview shows how white text looks on a background with the Yxy color 64.9208, 0.3147, 0.3777.

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

64.7710, 0.2882, 0.3095

Trichromacy



Original Color

64.9208, 0.3147, 0.3777

Protanomaly

64.8228, 0.3347, 0.3723

Deuteranomaly

64.2355, 0.3398, 0.3587

Tritanomaly

64.9416, 0.2976, 0.3337

Monochromacy



Original Color

64.9208, 0.3147, 0.3777

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.0845, 0.3134, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9208, 0.3147, 0.3777 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(186, 220, 180)` looks like.

```
.text, #text, p{  
    color:rgb(186, 220, 180)  
}
```

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(186, 220, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 220, 180) }
```

Border

The CSS property to change the border of an element to Yxy 64.9208, 0.3147, 0.3777 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(186, 220, 180) }
```

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

```
.border{ border-color:rgb(186, 220, 180) }
```

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

Here you see how a box with a 4 pixel rgb(186, 220, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 220, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 220, 180);  
box-shadow:4px 4px 4px 4px rgb(186, 220,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9208, 0.3147, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 220, 180) }
```

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

```
.background{ background-color: rgb(186,  
220, 180) }
```

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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