

Converting Colors

$Yxy(61.3038, 0.3166, 0.3999)$

Have a look what the booklet for
Yxy(61.3038, 0.3166, 0.3999)
contains.

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Color

Yxy(61.5221, 0.3164, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	ACDAA2
RGB	172, 218, 162
RGB Percent	67%, 85%, 64%
CMY	0.3255, 0.1451, 0.3648
CMYK	0.21, 0.00, 0.26, 0.15
HSL	109°, 43%, 75%
HSV	109°, 26%, 85%
XYZ	48.6032, 61.5221, 43.4879
YIQ	197.8620, -9.4400, -27.1680

Conversions

Conversions Part 2

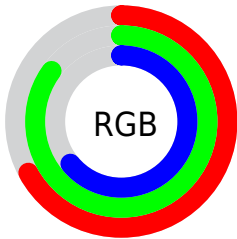
Format	Color
RYB	162, 218, 208
Decimal	11328162
CIELab	82.66, -25.42, 22.81
CIELCh	83, 34.156, 138.093
Yxy	61.5221, 0.3164, 0.4005
Android (android.graphics.Color)	4289518242 (0xFFACDAA2)
YUV	197.8620, -17.6800, -22.6810
Hunter-Lab	78.4360, -26.6547, 22.0326

Details

The Yxy color **61.5221, 0.3164, 0.4005** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.3083, 0.3069, 0.2636**, and the grayscale version is **56.4969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0237, 0.3177, 0.3682**, and **31.2421, 0.3165, 0.4205** is the 20% darker color. If you saturate the color by 10%, you get **58.9241, 0.3172, 0.4330**, and if you desaturate by 10%, it is **64.5328, 0.3152, 0.3704**.

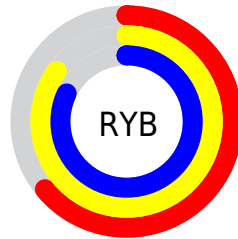
Distribution



Red (67%)

Green (85%)

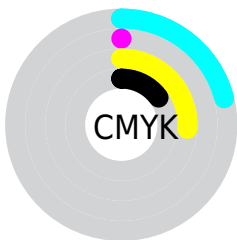
Blue (64%)



Red (64%)

Yellow (85%)

Blue (82%)

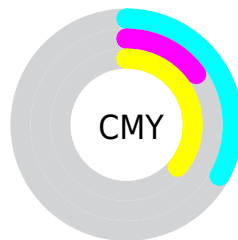


Cyan (21%)

Magenta (0%)

Yellow (26%)

Black (15%)



Cyan (33%)


Magenta (15%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5221, 0.3164, 0.4005 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 61.5221, 0.3164, 0.4005 by changing the saturation by 10% instead.


 61.5221, 0.3164,
0.4005

 61.5221, 0.3164,
0.4005


430.1857, 0.3154,
0.3650

 44.6467, 0.3164,
0.4092


 107.0345, 0.3162,
0.3877

 31.1792, 0.3162,
0.4204


 136.4403, 0.3161,
0.3829

 20.7353, 0.3158,
0.4350


170.7917, 0.3160,
0.3788

 12.9307, 0.3148,
0.4551

210.4730, 0.3159,
0.3752

 7.3808, 0.3123,
0.4842

255.8686, 0.3157,
0.3722

 3.7014, 0.3063,
0.5296

307.3631, 0.3156,

 1.5080, 0.3206,

0.3695

0.6794

365.3406, 0.3155,
0.3671

0.2943, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.5221, 0.3164,
0.4005

61.5221, 0.3164,
0.4005

58.9241, 0.3172,
0.4330

64.5328, 0.3152,
0.3704

56.7131, 0.3174,
0.4670

67.9650, 0.3136,
0.3432

54.8727, 0.3169,
0.5008

71.8370, 0.3120,
0.3190

53.3820, 0.3155,
0.5324

76.1637, 0.3103,
0.2977

■ 52.2181, 0.3132,
0.5593

■ 78.6271, 0.3144,
0.2930

■ 51.3553, 0.3101,
0.5796

■ 50.7634, 0.3066,
0.5922

■ 50.5771, 0.3052,
0.5959

Harmonies

Analogous

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



61.5221, 0.3585, 0.4069



61.5221, 0.3164, 0.4005



61.5221, 0.2751, 0.3700

Triad

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



61.5221, 0.3164, 0.4005



61.5221, 0.2399, 0.2653



61.5221, 0.3845, 0.3244

Complementary

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



61.5221, 0.3164, 0.4005



44.3083, 0.3069, 0.2636

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.



61.5221, 0.3485, 0.2922



61.5221, 0.3164, 0.4005



61.5221, 0.2650, 0.2589

Square

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



61.5221, 0.3164, 0.4005



61.5221, 0.2329, 0.2891



61.5221, 0.3041, 0.2688



61.5221, 0.3997, 0.3595

Rectangle

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



61.5221, 0.3164, 0.4005



61.5221, 0.2534, 0.3419



61.5221, 0.3041, 0.2688



61.5221, 0.3743, 0.3130

Sweetspot

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



61.5247, 0.3164, 0.4005



95.7143, 0.3140, 0.3493



62.4986, 0.3541, 0.3820



20.3240, 0.3143, 0.3534



0.0000, 0.0000, 0.0000



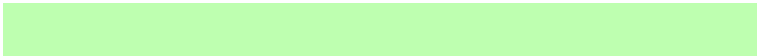
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5247, 0.3164, 0.4005



85.6083, 0.3169, 0.4184



61.1111, 0.2982, 0.3782



14.7175, 0.3142, 0.3530



30.3315, 0.3059, 0.5953



1.9991, 0.3160, 0.5873

Inverse Universe

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



44.3083, 0.3069, 0.2636



56.9313, 0.3053, 0.2490



44.9248, 0.3311, 0.2844



13.1511, 0.3110, 0.3058



8.8220, 0.2763, 0.1296



0.6029, 0.2840, 0.1338

Previews

White Background



This preview shows how the Yxy color 61.5221, 0.3164, 0.4005 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 61.5221, 0.3164, 0.4005 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 61.5221, 0.3164, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 61.5221, 0.3164, 0.4005.

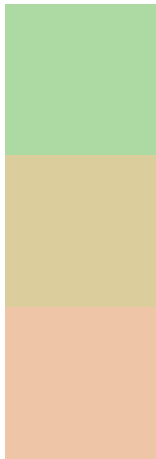


This preview shows how white text looks on a background with the Yxy color 61.5221, 0.3164, 0.4005.

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

61.5221, 0.3164, 0.4005

Protanopia

61.1230, 0.3601, 0.3858

Deuteranopia

60.8628, 0.3708, 0.3633



Tritanopia

61.6515, 0.2832, 0.3101

Trichromacy



Original Color

61.5221, 0.3164, 0.4005



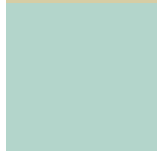
Protanomaly

61.1184, 0.3434, 0.3917



Deuteranomaly

60.6754, 0.3492, 0.3760



Tritanomaly

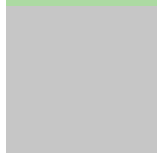
61.4840, 0.2950, 0.3412

Monochromacy



Original Color

61.5221, 0.3164, 0.4005



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

57.9842, 0.3146, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5221, 0.3164, 0.4005 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(172, 218, 162)` looks like.

```
.text, #text, p{  
    color:rgb(172, 218, 162)  
}
```

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(172, 218, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 218, 162) }
```

Border

The CSS property to change the border of an element to Yxy 61.5221, 0.3164, 0.4005 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(172, 218, 162) }
```

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

```
.border{ border-color:rgb(172, 218, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 218, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 218, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 218, 162);  
box-shadow:4px 4px 4px 4px rgb(172, 218,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5221, 0.3164, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 218, 162) }
```

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

```
.background{ background-color: rgb(172,  
218, 162) }
```

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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