

Converting Colors

$Yxy(62.8760, 0.3291, 0.4267)$

Have a look what the booklet for
Yxy(62.8760, 0.3291, 0.4267)
contains.

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Color

Yxy(62.7252, 0.3288, 0.4267)

Conversions

Conversions Part 1

Format	Color
Hex	AEDD90
RGB	174, 221, 144
RGB Percent	68%, 87%, 56%
CMY	0.3179, 0.1333, 0.4353
CMYK	0.21, 0.00, 0.35, 0.13
HSL	97°, 53%, 72%
HSV	97°, 35%, 87%
XYZ	48.3338, 62.7252, 35.9417
YIQ	198.1690, -3.2950, -33.9110

Conversions

Conversions Part 2

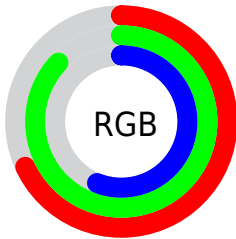
Format	Color
RYB	144, 221, 191
Decimal	11459984
CIELab	83.30, -28.91, 32.98
CIELCh	83, 43.861, 131.240
Yxy	62.7252, 0.3288, 0.4267
Android (android.graphics.Color)	4289650064 (0xFFAEDD90)
YUV	198.1690, -26.7053, -21.1962
Hunter-Lab	79.1992, -29.6634, 28.5329

Details

The Yxy color **62.7252, 0.3288, 0.4267** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.2533, 0.2894, 0.2356**, and the grayscale version is **56.7403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5861, 0.3307, 0.3880**, and **32.0558, 0.3303, 0.4532** is the 20% darker color. If you saturate the color by 10%, you get **60.6430, 0.3320, 0.4582**, and if you desaturate by 10%, it is **65.1012, 0.3247, 0.3962**.

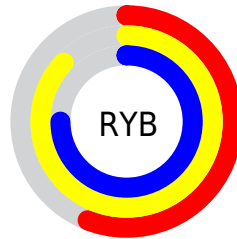
Distribution



Red (68%)

Green (87%)

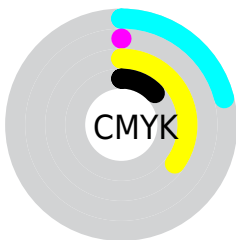
Blue (56%)



Red (56%)

Yellow (87%)

Blue (75%)

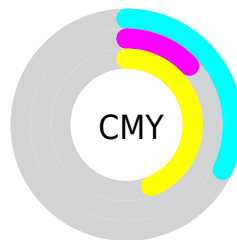


Cyan (21%)

Magenta (0%)

Yellow (35%)

Black (13%)



Cyan (32%)


Magenta (13%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7252, 0.3288, 0.4267 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 62.7252, 0.3288, 0.4267 by changing the saturation by 10% instead.


 62.7252, 0.3288,
0.4267


 62.7252, 0.3288,
0.4267


434.5715, 0.3226,
0.3782

 45.6189, 0.3298,
0.4385


 108.7730, 0.3270,
0.4092

 31.9452, 0.3307,
0.4536


 138.4832, 0.3262,
0.4026

 21.3197, 0.3314,
0.4732


173.1637, 0.3254,
0.3970

 13.3579, 0.3313,
0.4996


213.1986, 0.3248,
0.3922

 7.6754, 0.3291,
0.5369

258.9725, 0.3241,
0.3880

 3.8880, 0.3244,
0.5983

310.8696, 0.3236,

 1.6111, 0.3009,

0.3844

0.6991

369.2745, 0.3231,
0.3811

0.3651, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.7252, 0.3288,
0.4267

62.7252, 0.3288,
0.4267

60.6430, 0.3320,
0.4582

65.1012, 0.3247,
0.3962

58.8342, 0.3341,
0.4893


67.7744, 0.3200,
0.3674

57.2881, 0.3345,
0.5184


70.7584, 0.3151,
0.3409

55.9900, 0.3330,
0.5437

74.0634, 0.3102,
0.3170

 54.9233, 0.3298,
0.5637

 77.6992, 0.3053,
0.2955

 54.0686, 0.3249,
0.5773

 80.2039, 0.3143,
0.2960

 53.6975, 0.3221,
0.5825

Harmonies

Analogous

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



62.7252, 0.3804, 0.4252



62.7252, 0.3288, 0.4267



62.7252, 0.2754, 0.3935

Triad

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



62.7252, 0.3288, 0.4267



62.7252, 0.2177, 0.2533



62.7252, 0.3958, 0.3124

Complementary

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



62.7252, 0.3288, 0.4267



36.2533, 0.2894, 0.2356

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.



62.7252, 0.3452, 0.2751



62.7252, 0.3288, 0.4267



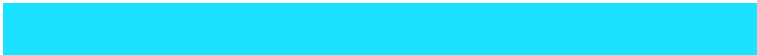
62.7252, 0.2435, 0.2414

Square

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



62.7252, 0.3288, 0.4267



62.7252, 0.2143, 0.2868



62.7252, 0.2888, 0.2498



62.7252, 0.4222, 0.3555

Rectangle

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



62.7252, 0.3288, 0.4267



62.7252, 0.2459, 0.3579



62.7252, 0.2888, 0.2498



62.7252, 0.3808, 0.2990

Sweetspot

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



62.7279, 0.3288, 0.4267



95.6274, 0.3177, 0.3545



54.3067, 0.3763, 0.3833



20.3443, 0.3184, 0.3583



0.0000, 0.0000, 0.0000



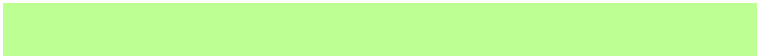
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7279, 0.3288, 0.4267



84.5409, 0.3313, 0.4502



59.9096, 0.3033, 0.4225



14.8517, 0.3174, 0.3528



31.2480, 0.3232, 0.5816



2.0732, 0.3361, 0.5713

Inverse Universe

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



36.2533, 0.2894, 0.2356



42.5708, 0.2828, 0.2143



40.1402, 0.3237, 0.2506



13.0091, 0.3076, 0.3055



6.0973, 0.2261, 0.1019



0.4442, 0.2414, 0.1104

Previews

White Background



This preview shows how the Yxy color 62.7252, 0.3288, 0.4267 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 62.7252, 0.3288, 0.4267 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 62.7252, 0.3288, 0.4267

Background



This preview shows how black text looks on a background with the Yxy color 62.7252, 0.3288, 0.4267.



This preview shows how white text looks on a background with the Yxy color 62.7252, 0.3288, 0.4267.

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

62.7252, 0.3288, 0.4267

Protanopia

62.3079, 0.3768, 0.4073

Deuteranopia

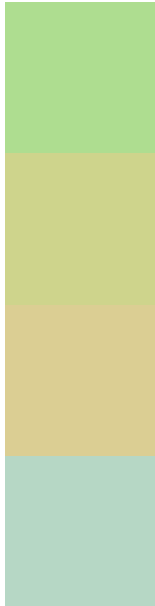
61.9706, 0.3899, 0.3818



Tritanopia

62.6994, 0.2853, 0.3103

Trichromacy



Original Color

62.7252, 0.3288, 0.4267

Protanomaly

62.1022, 0.3587, 0.4146

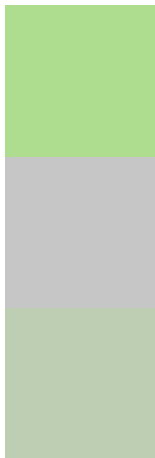
Deuteranomaly

61.3093, 0.3665, 0.3973

Tritanomaly

62.5772, 0.3010, 0.3509

Monochromacy



Original Color

62.7252, 0.3288, 0.4267

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.1758, 0.3195, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7252, 0.3288, 0.4267 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(174, 221, 144)` looks like.

```
.text, #text, p{  
    color:rgb(174, 221, 144)  
}
```

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(174, 221, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 221, 144) }
```

Border

The CSS property to change the border of an element to Yxy 62.7252, 0.3288, 0.4267 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(174, 221, 144) }
```

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

```
.border{ border-color:rgb(174, 221, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 221, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 221, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 221, 144);  
box-shadow:4px 4px 4px 4px rgb(174, 221,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7252, 0.3288, 0.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 221, 144) }
```

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

```
.background{ background-color: rgb(174,  
221, 144) }
```

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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