

Converting Colors

$Yxy(61.6395, 0.2942, 0.3928)$

Have a look what the booklet for
Yxy(61.6395, 0.2942, 0.3928)
contains.

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Color

Yxy(61.7437, 0.2945, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	96DEAD
RGB	150, 222, 173
RGB Percent	59%, 87%, 68%
CMY	0.4120, 0.1294, 0.3216
CMYK	0.32, 0.00, 0.22, 0.13
HSL	139°, 52%, 73%
HSV	139°, 32%, 87%
XYZ	46.2332, 61.7437, 49.0119
YIQ	194.8860, -27.1830, -30.5030

Conversions

Conversions Part 2

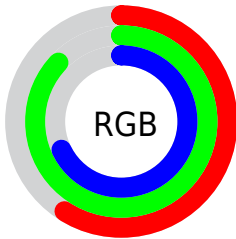
Format	Color
RYB	150, 205, 222
Decimal	9887405
CIELab	82.78, -32.54, 17.03
CIElCh	83, 36.723, 152.375
Yxy	61.7437, 0.2945, 0.3933
Android (android.graphics.Color)	4288077485 (0xFF96DEAD)
YUV	194.8860, -10.7898, -39.3650
Hunter-Lab	78.5772, -32.4843, 18.0223

Details

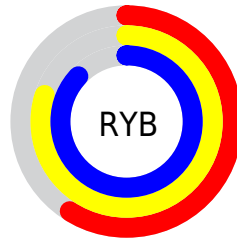
The Yxy color **61.7437, 0.2945, 0.3933** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4486, 0.3375, 0.2725**, and the grayscale version is **54.5733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2990, 0.2976, 0.3566**, and **31.1397, 0.2883, 0.4098** is the 20% darker color. If you saturate the color by 10%, you get **59.2848, 0.2898, 0.4175**, and if you desaturate by 10%, it is **64.6727, 0.2998, 0.3711**.

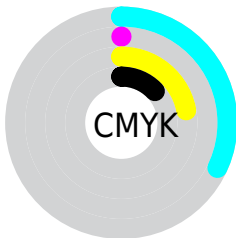
Distribution



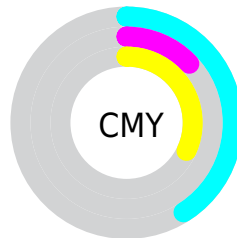
- Red (59%)
- Green (87%)
- Blue (68%)



- Red (59%)
- Yellow (80%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)




- Cyan (41%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7437, 0.2945, 0.3933 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 61.7437, 0.2945, 0.3933 by changing the saturation by 10% instead.


 61.7437, 0.2945,
0.3933


 61.7437, 0.2945,
0.3933

430.9956, 0.3038,
0.3613

 44.8256, 0.2921,
0.4012


 107.3550, 0.2979,
0.3817

 31.3201, 0.2890,
0.4113


 136.8171, 0.2992,
0.3774

 20.8427, 0.2848,
0.4247

171.2292, 0.3003,
0.3737

 13.0091, 0.2789,
0.4432

210.9759, 0.3012,
0.3705

 7.4348, 0.2699,
0.4703

256.4415, 0.3020,
0.3677

 3.7355, 0.2549,
0.5136

308.0103, 0.3027,

 1.5267, 0.2267,

0.3653

366.0669, 0.3033,
0.3632

0.6292

■ 0.3074, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7437, 0.2945,
0.3933

■ 61.7437, 0.2945,
0.3933

■ 59.2848, 0.2898,
0.4175

■ 64.6727, 0.2998,
0.3711

■ 57.2637, 0.2860,
0.4431


■ 68.0871, 0.3055,
0.3510


■ 55.6555, 0.2834,
0.4695


■ 72.0108, 0.3113,
0.3331

■ 54.4302, 0.2824,
0.4956


■ 76.4639, 0.3170,
0.3173

 53.5530, 0.2831,
0.5203

 80.3190, 0.3185,
0.3031

 52.9826, 0.2855,
0.5424

 80.7307, 0.3142,
0.2970

 52.7057, 0.2880,
0.5567

Harmonies

Analogous

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



61.7437, 0.3407, 0.4131



61.7437, 0.2945, 0.3933



61.7437, 0.2551, 0.3517

Triad

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



61.7437, 0.2945, 0.3933



61.7437, 0.2453, 0.2554



61.7437, 0.4010, 0.3416

Complementary

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



61.7437, 0.2945, 0.3933



41.4486, 0.3375, 0.2725

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.



61.7437, 0.3716, 0.3051



61.7437, 0.2945, 0.3933



61.7437, 0.2800, 0.2573

Square

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



61.7437, 0.2945, 0.3933



61.7437, 0.2285, 0.2717



61.7437, 0.3262, 0.2751



61.7437, 0.4041, 0.3780

Rectangle

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



61.7437, 0.2945, 0.3933



61.7437, 0.2374, 0.3205



61.7437, 0.3262, 0.2751



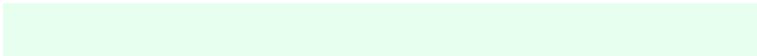
61.7437, 0.3938, 0.3291

Sweetspot

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



61.7463, 0.2945, 0.3933



94.4132, 0.3069, 0.3465



66.6194, 0.3438, 0.4147



20.0527, 0.3061, 0.3491



0.0000, 0.0000, 0.0000



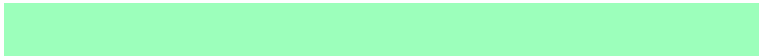
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7463, 0.2945, 0.3933



82.1462, 0.2912, 0.4096



63.3230, 0.2738, 0.3455



15.4091, 0.3072, 0.3454



31.3193, 0.2873, 0.5541



2.1868, 0.2785, 0.5227

Inverse Universe

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



41.4486, 0.3375, 0.2725



50.2244, 0.3445, 0.2605



39.9767, 0.3736, 0.3134



13.8571, 0.3186, 0.3132



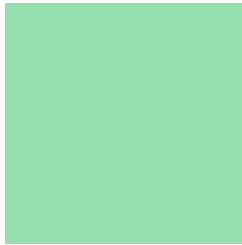
10.5725, 0.4217, 0.2097



0.7489, 0.4023, 0.1990

Previews

White Background



This preview shows how the Yxy color 61.7437, 0.2945, 0.3933 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 61.7437, 0.2945, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

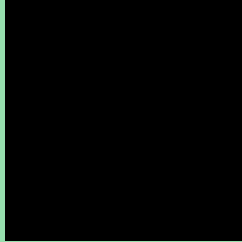
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

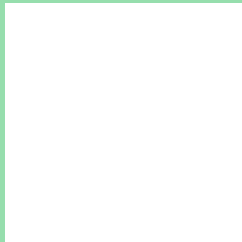
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7437, 0.2945, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 61.7437, 0.2945, 0.3933.

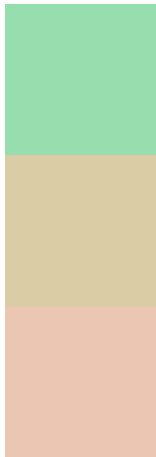


This preview shows how white text looks on a background with the Yxy color 61.7437, 0.2945, 0.3933.

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

61.7437, 0.2945, 0.3933

Protanopia

61.2847, 0.3525, 0.3755

Deuteranopia

61.2647, 0.3583, 0.3513



Tritanopia

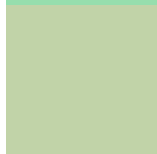
61.5440, 0.2674, 0.3084

Trichromacy



Original Color

61.7437, 0.2945, 0.3933



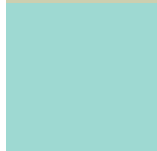
Protanomaly

60.7531, 0.3290, 0.3818



Deuteranomaly

60.5976, 0.3326, 0.3661



Tritanomaly

61.5480, 0.2773, 0.3377

Monochromacy



Original Color

61.7437, 0.2945, 0.3933



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.8342, 0.3056, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7437, 0.2945, 0.3933 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(150, 222, 173)` looks like.

```
.text, #text, p{  
    color:rgb(150, 222, 173)  
}
```

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(150, 222, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 222, 173) }
```

Border

The CSS property to change the border of an element to Yxy 61.7437, 0.2945, 0.3933 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(150, 222, 173) }
```

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

```
.border{ border-color:rgb(150, 222, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 222, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 222, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 222, 173);  
box-shadow:4px 4px 4px 4px rgb(150, 222,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7437, 0.2945, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 222, 173) }
```

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

```
.background{ background-color: rgb(150,  
222, 173) }
```

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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