

Converting Colors

$Yxy(60.8918, 0.2957, 0.3997)$

Have a look what the booklet for
Yxy(60.8918, 0.2957, 0.3997)
contains.

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Color

Yxy(60.7431, 0.2956, 0.3994)

Conversions

Conversions Part 1

Format	Color
Hex	93DDA8
RGB	147, 221, 168
RGB Percent	58%, 87%, 66%
CMY	0.4235, 0.1333, 0.3413
CMYK	0.33, 0.00, 0.24, 0.13
HSL	137°, 52%, 72%
HSV	137°, 33%, 87%
XYZ	44.9566, 60.7431, 46.3862
YIQ	192.8320, -27.0910, -32.1710

Conversions

Conversions Part 2

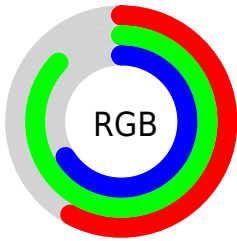
Format	Color
RYB	147, 205, 221
Decimal	9690536
CIELab	82.24, -33.88, 18.89
CIELCh	82, 38.789, 150.855
Yxy	60.7431, 0.2956, 0.3994
Android (android.graphics.Color)	4287880616 (0xFF93DDA8)
YUV	192.8320, -12.2422, -40.1947
Hunter-Lab	77.9379, -33.4278, 19.2689

Details

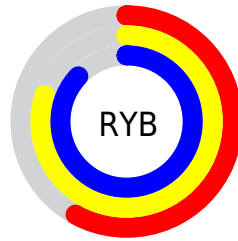
The Yxy color **60.7431, 0.2956, 0.3994** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.4175, 0.3359, 0.2678**, and the grayscale version is **53.3116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5442, 0.2991, 0.3633**, and **30.4984, 0.2897, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **58.3399, 0.2913, 0.4251**, and if you desaturate by 10%, it is **63.6157, 0.3005, 0.3757**.

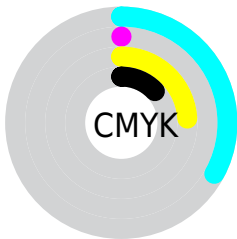
Distribution



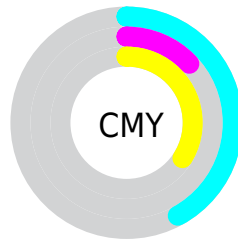
- Red (58%)
- Green (87%)
- Blue (66%)



- Red (58%)
- Yellow (80%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)




- Cyan (42%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7431, 0.2956, 0.3994 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 60.7431, 0.2956, 0.3994 by changing the saturation by 10% instead.


 60.7431, 0.2956,
0.3994


 60.7431, 0.2956,
0.3994


427.3314, 0.3046,
0.3642

 44.0179, 0.2932,
0.4082


 105.9069, 0.2989,
0.3866

 30.6846, 0.2902,
0.4194


 135.1142, 0.3002,
0.3818

 20.3588, 0.2860,
0.4343


169.2510, 0.3012,
0.3777

 12.6561, 0.2799,
0.4550

208.7018, 0.3021,
0.3743

 7.1922, 0.2706,
0.4854

253.8508, 0.3028,
0.3712

 3.5826, 0.2546,
0.5342

305.0825, 0.3035,

 1.4429, 0.2239,

0.3686

0.7009

362.7812, 0.3041,
0.3663

0.2480, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.7431, 0.2956,
0.3994

60.7431, 0.2956,
0.3994

58.3399, 0.2913,
0.4251

63.6157, 0.3005,
0.3757

56.3735, 0.2879,
0.4522


66.9734, 0.3056,
0.3542


54.8188, 0.2858,
0.4799


70.8403, 0.3109,
0.3351


53.6450, 0.2850,
0.5069

75.2368, 0.3161,
0.3183

 52.8168, 0.2859,
0.5318

 79.7013, 0.3194,
0.3034

 52.2918, 0.2884,
0.5534

 80.1950, 0.3143,
0.2960

 52.0694, 0.2904,
0.5654

Harmonies

Analogous

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



60.7431, 0.3446, 0.4189



60.7431, 0.2956, 0.3994



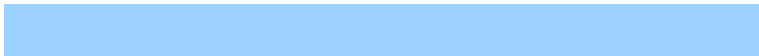
60.7431, 0.2533, 0.3556

Triad

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



60.7431, 0.2956, 0.3994



60.7431, 0.2401, 0.2515



60.7431, 0.4055, 0.3400

Complementary

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



60.7431, 0.2956, 0.3994



40.4175, 0.3359, 0.2678

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.



60.7431, 0.3731, 0.3018



60.7431, 0.2956, 0.3994



60.7431, 0.2757, 0.2528

Square

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



60.7431, 0.2956, 0.3994



60.7431, 0.2234, 0.2695



60.7431, 0.3243, 0.2708



60.7431, 0.4103, 0.3787

Rectangle

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



60.7431, 0.2956, 0.3994



60.7431, 0.2341, 0.3222



60.7431, 0.3243, 0.2708



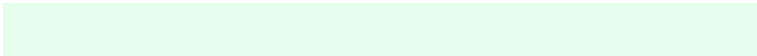
60.7431, 0.3974, 0.3268

Sweetspot

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



60.7456, 0.2956, 0.3994



94.3586, 0.3074, 0.3475



66.2776, 0.3476, 0.4167



20.0395, 0.3067, 0.3503



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.



60.7456, 0.2956, 0.3994



81.6652, 0.2926, 0.4168



62.2667, 0.2748, 0.3509



14.6666, 0.3077, 0.3462



30.2635, 0.2896, 0.5627



1.9752, 0.2805, 0.5299

Inverse Universe

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



40.4175, 0.3359, 0.2678



49.5395, 0.3421, 0.2553



38.9355, 0.3723, 0.3085



13.2087, 0.3181, 0.3124



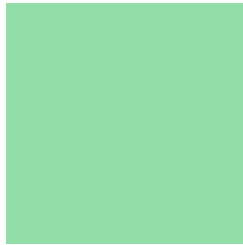
10.3924, 0.4079, 0.2020



0.6878, 0.3904, 0.1924

Previews

White Background



This preview shows how the Yxy color 60.7431, 0.2956, 0.3994 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 60.7431, 0.2956, 0.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

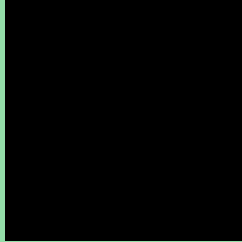
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7431, 0.2956, 0.3994

Background



This preview shows how black text looks on a background with the Yxy color 60.7431, 0.2956, 0.3994.



This preview shows how white text looks on a background with the Yxy color 60.7431, 0.2956, 0.3994.

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

60.7431, 0.2956, 0.3994

Protanopia

60.0017, 0.3560, 0.3793

Deuteranopia

59.9894, 0.3620, 0.3548



Tritanopia

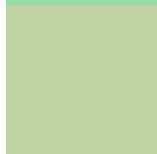
60.7753, 0.2666, 0.3082

Trichromacy



Original Color

60.7431, 0.2956, 0.3994



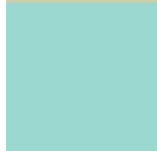
Protanomaly

59.9440, 0.3319, 0.3871



Deuteranomaly

59.1595, 0.3350, 0.3702



Tritanomaly

60.5853, 0.2771, 0.3403

Monochromacy



Original Color

60.7431, 0.2956, 0.3994



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.4027, 0.3055, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7431, 0.2956, 0.3994 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(147, 221, 168)` looks like.

```
.text, #text, p{  
    color:rgb(147, 221, 168)  
}
```

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(147, 221, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 221, 168) }
```

Border

The CSS property to change the border of an element to Yxy 60.7431, 0.2956, 0.3994 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(147, 221, 168) }
```

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

```
.border{ border-color:rgb(147, 221, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 221, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 221, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 221, 168);  
box-shadow:4px 4px 4px 4px rgb(147, 221,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7431, 0.2956, 0.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 221, 168) }
```

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

```
.background{ background-color: rgb(147,  
221, 168) }
```

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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