

Converting Colors

Yxy(61.4594, 0.3110, 0.4309)

Have a look what the booklet for
Yxy(61.4594, 0.3110, 0.4309)
contains.

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Color

Yxy(61.4300, 0.3112, 0.4311)

Conversions

Conversions Part 1

Format	Color
Hex	97DF92
RGB	151, 223, 146
RGB Percent	59%, 87%, 57%
CMY	0.4077, 0.1255, 0.4274
CMYK	0.32, 0.00, 0.35, 0.13
HSL	116°, 55%, 72%
HSV	116°, 35%, 87%
XYZ	44.3447, 61.4300, 36.7212
YIQ	192.6940, -18.1950, -39.2110

Conversions

Conversions Part 2

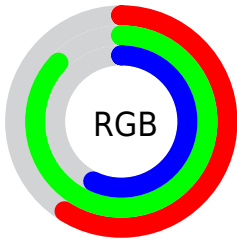
Format	Color
RYB	146, 223, 218
Decimal	9953170
CIELab	82.61, -37.24, 30.80
CIElCh	83, 48.331, 140.407
Yxy	61.4300, 0.3112, 0.4311
Android (android.graphics.Color)	4288143250 (0xFF97DF92)
YUV	192.6940, -23.0201, -36.5656
Hunter-Lab	78.3773, -36.1675, 27.0856

Details

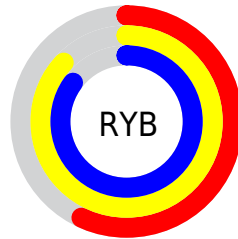
The Yxy color **61.4300, 0.3112, 0.4311** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **40.7935, 0.3121, 0.2425**, and the grayscale version is **53.2917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9555, 0.3142, 0.3886**, and **31.0050, 0.3082, 0.4591** is the 20% darker color. If you saturate the color by 10%, you get **58.9829, 0.3102, 0.4662**, and if you desaturate by 10%, it is **64.3703, 0.3119, 0.3978**.

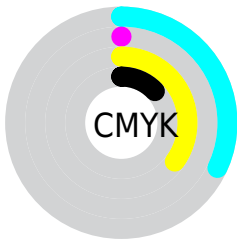
Distribution



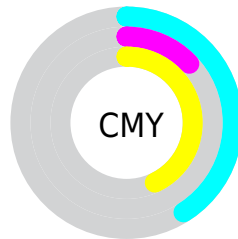
- Red (59%)
- Green (87%)
- Blue (57%)



- Red (57%)
- Yellow (87%)
- Blue (85%)



- Cyan (32%)
- Magenta (0%)
- Yellow (35%)
- Black (13%)




- Cyan (41%)
- Magenta (13%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4300, 0.3112, 0.4311 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 61.4300, 0.3112, 0.4311 by changing the saturation by 10% instead.


 61.4300, 0.3112,
0.4311

 61.4300, 0.3112,
0.4311

429.8489, 0.3135,
0.3797

 44.5723, 0.3101,
0.4439


 106.9013, 0.3124,
0.4124

 31.1207, 0.3085,
0.4603


 136.2837, 0.3128,
0.4054

 20.6907, 0.3058,
0.4819


170.6097, 0.3130,
0.3995

 12.8981, 0.3013,
0.5116

210.2638, 0.3132,
0.3944

 7.3584, 0.2929,
0.5544

255.6304, 0.3133,
0.3900

 3.6873, 0.2779,
0.6252

307.0938, 0.3134,

 1.5002, 0.2178,

0.3861

0.7822

365.0385, 0.3135,
0.3827

■ 0.2889, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4300, 0.3112,
0.4311

■ 61.4300, 0.3112,
0.4311

■ 58.9829, 0.3102,
0.4662

■ 64.3703, 0.3119,
0.3978

■ 56.9948, 0.3088,
0.5014

■ 67.8205, 0.3124,
0.3674

■ 55.4392, 0.3072,
0.5343

■ 71.8061, 0.3127,
0.3402

■ 54.2839, 0.3054,
0.5623

■ 76.3484, 0.3128,
0.3163

■ 53.4920, 0.3035,
0.5830

■ 81.2537, 0.3142,
0.2980

■ 53.0199, 0.3018,
0.5952

■ 52.8714, 0.3011,
0.5991

Harmonies

Analogous

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



61.4300, 0.3706, 0.4402



61.4300, 0.3112, 0.4311



61.4300, 0.2552, 0.3836

Triad

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



61.4300, 0.3112, 0.4311



61.4300, 0.2146, 0.2391



61.4300, 0.4176, 0.3243

Complementary

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



61.4300, 0.3112, 0.4311



40.7935, 0.3121, 0.2425

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.



61.4300, 0.3674, 0.2810



61.4300, 0.3112, 0.4311



61.4300, 0.2496, 0.2337

Square

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



61.4300, 0.3112, 0.4311



61.4300, 0.2033, 0.2680



61.4300, 0.3044, 0.2489



61.4300, 0.4357, 0.3716

Rectangle

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



61.4300, 0.3112, 0.4311



61.4300, 0.2272, 0.3412



61.4300, 0.3044, 0.2489



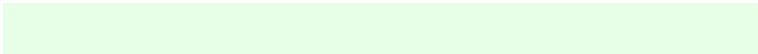
61.4300, 0.4037, 0.3090

Sweetspot

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



61.4326, 0.3112, 0.4311



94.2211, 0.3125, 0.3549



67.8363, 0.3663, 0.4097



20.0064, 0.3125, 0.3588



0.0000, 0.0000, 0.0000



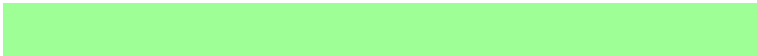
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4326, 0.3112, 0.4311



80.9314, 0.3105, 0.4548



62.1564, 0.2884, 0.3861



15.3797, 0.3125, 0.3532



31.1055, 0.3015, 0.5988



2.1713, 0.3058, 0.5954

Inverse Universe

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



40.7935, 0.3121, 0.2425



49.1666, 0.3118, 0.2261



39.9533, 0.3482, 0.2784



13.8878, 0.3128, 0.3058



11.0762, 0.3047, 0.1452



0.7817, 0.3073, 0.1467

Previews

White Background



This preview shows how the Yxy color 61.4300, 0.3112, 0.4311 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 61.4300, 0.3112, 0.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

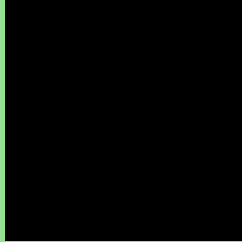
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4300, 0.3112, 0.4311

Background



This preview shows how black text looks on a background with the Yxy color 61.4300, 0.3112, 0.4311.



This preview shows how white text looks on a background with the Yxy color 61.4300, 0.3112, 0.4311.

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

61.4300, 0.3112, 0.4311

Protanopia

61.0272, 0.3759, 0.4057

Deuteranopia

60.6241, 0.3858, 0.3770



Tritanopia

61.4087, 0.2702, 0.3084

Trichromacy



Original Color

61.4300, 0.3112, 0.4311



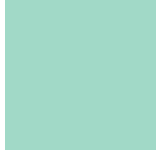
Protanomaly

60.7458, 0.3499, 0.4158



Deuteranomaly

59.8999, 0.3559, 0.3958



Tritanomaly

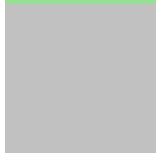
61.3263, 0.2857, 0.3517

Monochromacy



Original Color

61.4300, 0.3112, 0.4311



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.7853, 0.3126, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4300, 0.3112, 0.4311 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(151, 223, 146)` looks like.

```
.text, #text, p{  
    color:rgb(151, 223, 146)  
}
```

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(151, 223, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 223, 146) }
```

Border

The CSS property to change the border of an element to Yxy 61.4300, 0.3112, 0.4311 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(151, 223, 146) }
```

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

```
.border{ border-color:rgb(151, 223, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 223, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 223, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 223, 146); box-shadow:4px 4px 4px 4px rgb(151, 223, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4300, 0.3112, 0.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 223, 146) }
```

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

```
.background{ background-color: rgb(151,  
223, 146) }
```

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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