

Converting Colors

Yxy(61.4312, 0.2919, 0.4082)

Have a look what the booklet for
Yxy(61.4312, 0.2919, 0.4082)
contains.

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Color

Yxy(61.4312, 0.2919, 0.4082)

Conversions

Conversions Part 1

Format	Color
Hex	8AE0A5
RGB	138, 224, 165
RGB Percent	54%, 88%, 65%
CMY	0.4588, 0.1216, 0.3530
CMYK	0.38, 0.00, 0.26, 0.12
HSL	139°, 58%, 71%
HSV	139°, 38%, 88%
XYZ	43.9289, 61.4312, 45.1328
YIQ	191.5600, -32.3170, -36.5810

Conversions

Conversions Part 2

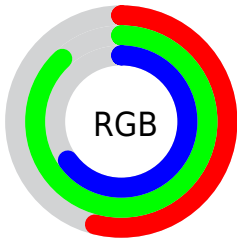
Format	Color
RYB	138, 203, 224
Decimal	9101477
CIELab	82.61, -38.46, 20.90
CIElCh	83, 43.772, 151.486
Yxy	61.4312, 0.2919, 0.4082
Android (android.graphics.Color)	4287291557 (0xFF8AE0A5)
YUV	191.5600, -13.0941, -46.9721
Hunter-Lab	78.3781, -37.1170, 20.7234

Details

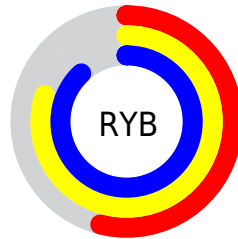
The Yxy color **61.4312, 0.2919, 0.4082** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **38.0612, 0.3430, 0.2615**, and the grayscale version is **52.5365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1566, 0.2954, 0.3672**, and **31.0365, 0.2850, 0.4304** is the 20% darker color. If you saturate the color by 10%, you get **59.1893, 0.2877, 0.4336**, and if you desaturate by 10%, it is **64.1395, 0.2968, 0.3845**.

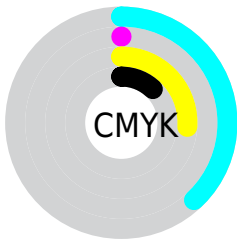
Distribution



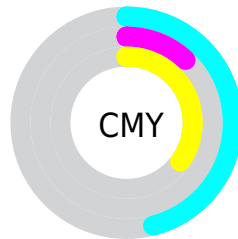
- Red (54%)
- Green (88%)
- Blue (65%)



- Red (54%)
- Yellow (80%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (46%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4312, 0.2919, 0.4082 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 61.4312, 0.2919, 0.4082 by changing the saturation by 10% instead.


 61.4312, 0.2919,
0.4082

 61.4312, 0.2919,
0.4082


429.8533, 0.3028,
0.3685


 44.5733, 0.2890,
0.4181

 106.9030, 0.2960,
0.3937

 31.1214, 0.2853,
0.4308

 136.2857, 0.2975,
0.3883

 20.6913, 0.2802,
0.4477


 170.6121, 0.2987,
0.3837

 12.8986, 0.2728,
0.4711

210.2666, 0.2998,
0.3798

 7.3587, 0.2615,
0.5056

255.6335, 0.3007,
0.3764

 3.6874, 0.2422,
0.5606


307.0974, 0.3015,


 1.5003, 0.1992,


0.3734


0.7704


365.0425, 0.3022,
0.3708


 0.2889, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 61.4312, 0.2919,
0.4082


 61.4312, 0.2919,
0.4082

 59.1893, 0.2877,
0.4336


 64.1395, 0.2968,
0.3845


 57.3794, 0.2847,
0.4600


 67.3311, 0.3023,
0.3629

 55.9744, 0.2831,
0.4866


 71.0314, 0.3079,
0.3436


 54.9408, 0.2831,
0.5121


 75.2617, 0.3136,
0.3264

 54.2395, 0.2848,
0.5355

 80.0421, 0.3192,
0.3113

 53.8141, 0.2879,
0.5554

 81.7931, 0.3141,
0.2989

 53.7587, 0.2884,
0.5584

Harmonies

Analogous

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



61.4312, 0.3467, 0.4305



61.4312, 0.2919, 0.4082



61.4312, 0.2453, 0.3575

Triad

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



61.4312, 0.2919, 0.4082



61.4312, 0.2324, 0.2426



61.4312, 0.4176, 0.3414

Complementary

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



61.4312, 0.2919, 0.4082



38.0612, 0.3430, 0.2615

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.



61.4312, 0.3815, 0.2992



61.4312, 0.2919, 0.4082



61.4312, 0.2721, 0.2447

Square

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



61.4312, 0.2919, 0.4082



61.4312, 0.2136, 0.2615



61.4312, 0.3266, 0.2650



61.4312, 0.4218, 0.3843

Rectangle

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



61.4312, 0.2919, 0.4082



61.4312, 0.2245, 0.3196



61.4312, 0.3266, 0.2650



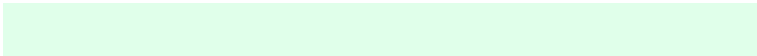
61.4312, 0.4088, 0.3268

Sweetspot

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



61.4337, 0.2919, 0.4082



93.3717, 0.3058, 0.3505



67.1823, 0.3501, 0.4309



19.8444, 0.3051, 0.3530



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.



61.4337, 0.2919, 0.4082



79.9731, 0.2885, 0.4282



63.2130, 0.2685, 0.3509



15.4077, 0.3073, 0.3455



31.3088, 0.2877, 0.5556



2.1860, 0.2790, 0.5243

Inverse Universe

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



38.0612, 0.3430, 0.2615



44.4236, 0.3515, 0.2480



36.4024, 0.3882, 0.3088



13.8586, 0.3186, 0.3130



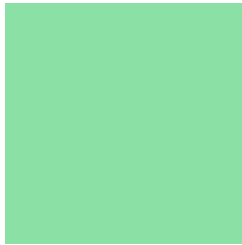
10.5988, 0.4194, 0.2084



0.7506, 0.4005, 0.1980

Previews

White Background



This preview shows how the Yxy color 61.4312, 0.2919, 0.4082 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 61.4312, 0.2919, 0.4082 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 61.4312, 0.2919, 0.4082

Background



This preview shows how black text looks on a background with the Yxy color 61.4312, 0.2919, 0.4082.

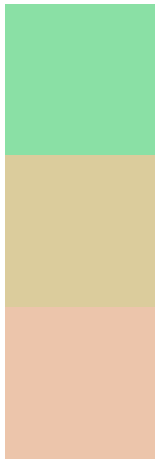


This preview shows how white text looks on a background with the Yxy color 61.4312, 0.2919, 0.4082.

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

61.4312, 0.2919, 0.4082

Protanopia

60.6461, 0.3604, 0.3848

Deuteranopia

60.7056, 0.3650, 0.3579



Tritanopia

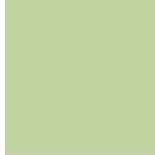
61.1994, 0.2618, 0.3081

Trichromacy



Original Color

61.4312, 0.2919, 0.4082



Protanomaly

60.0389, 0.3329, 0.3936



Deuteranomaly

59.7696, 0.3345, 0.3751



Tritanomaly

60.9928, 0.2726, 0.3416

Monochromacy



Original Color

61.4312, 0.2919, 0.4082



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.3338, 0.3039, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4312, 0.2919, 0.4082 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(138, 224, 165)` looks like.

```
.text, #text, p{  
    color:rgb(138, 224, 165)  
}
```

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(138, 224, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 224, 165) }
```

Border

The CSS property to change the border of an element to Yxy 61.4312, 0.2919, 0.4082 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(138, 224, 165) }
```

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

```
.border{ border-color:rgb(138, 224, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 224, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 224, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 224, 165);  
box-shadow:4px 4px 4px 4px rgb(138, 224,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4312, 0.2919, 0.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 224, 165) }
```

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

```
.background{ background-color: rgb(138,  
224, 165) }
```

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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