

Converting Colors

Yxy(61.8524, 0.3090, 0.3930)

Have a look what the booklet for
Yxy(61.8524, 0.3090, 0.3930)
contains.

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Color

Yxy(61.8524, 0.3090, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	A8DBA9
RGB	168, 219, 169
RGB Percent	66%, 86%, 66%
CMY	0.3414, 0.1411, 0.3373
CMYK	0.23, 0.00, 0.23, 0.14
HSL	121°, 42%, 76%
HSV	121°, 23%, 86%
XYZ	48.6320, 61.8524, 46.9008
YIQ	198.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

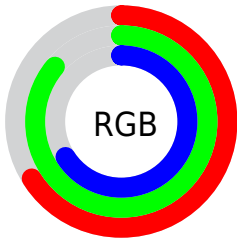
Format	Color
RYB	168, 218, 219
Decimal	11066281
CIELab	82.83, -26.10, 19.36
CIElCh	83, 32.497, 143.432
Yxy	61.8524, 0.3090, 0.3930
Android (android.graphics.Color)	4289256361 (0xFFA8DBA9)
YUV	198.0510, -14.3221, -26.3547
Hunter-Lab	78.6463, -27.2530, 19.6948

Details

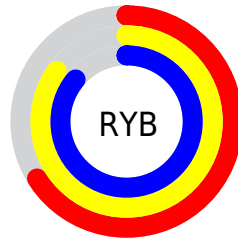
The Yxy color **61.8524, 0.3090, 0.3930** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.1117, 0.3163, 0.2724**, and the grayscale version is **56.5947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7491, 0.3112, 0.3610**, and **31.4801, 0.3071, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **58.9102, 0.3072, 0.4258**, and if you desaturate by 10%, it is **65.3370, 0.3107, 0.3633**.

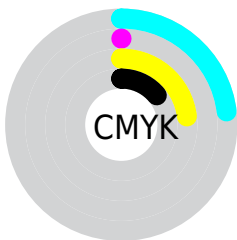
Distribution



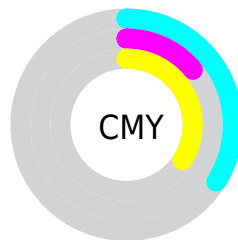
- Red (66%)
- Green (86%)
- Blue (66%)



- Red (66%)
- Yellow (85%)
- Blue (86%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)





- Cyan (34%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8524, 0.3090, 0.3930 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 61.8524, 0.3090, 0.3930 by changing the saturation by 10% instead.

 61.8524, 0.3090,
0.3930

 61.8524, 0.3090,
0.3930


431.3925, 0.3114,
0.3613

 44.9134, 0.3082,
0.4008

 107.5122, 0.3100,
0.3816

 31.3893, 0.3072,
0.4108


 137.0018, 0.3103,
0.3772

 20.8954, 0.3056,
0.4239

171.4438, 0.3106,
0.3736

 13.0476, 0.3032,
0.4419

211.2224, 0.3108,
0.3704

 7.4613, 0.2991,
0.4681

256.7223, 0.3110,
0.3677

 3.7522, 0.2912,
0.5095

308.3276, 0.3112,

 1.5360, 0.2920,

0.3653

0.6288

366.4229, 0.3113,
0.3632

0.3138, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.8524, 0.3090,
0.3930

61.8524, 0.3090,
0.3930

58.9102, 0.3072,
0.4258

65.3370, 0.3107,
0.3633

56.4757, 0.3054,
0.4606

69.3809, 0.3122,
0.3370

54.5225, 0.3036,
0.4960

74.0100, 0.3136,
0.3140

53.0188, 0.3021,
0.5296

79.1402, 0.3145,
0.2942

■ 51.9287, 0.3009,
0.5586

■ 79.1516, 0.3144,
0.2940

■ 51.2112, 0.3001,
0.5806

■ 50.8163, 0.2998,
0.5942

■ 50.6812, 0.2997,
0.5990

Harmonies

Analogous

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



61.8524, 0.3497, 0.4035



61.8524, 0.3090, 0.3930



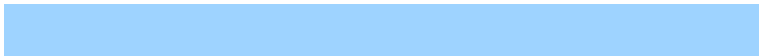
61.8524, 0.2709, 0.3611

Triad

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



61.8524, 0.3090, 0.3930



61.8524, 0.2463, 0.2661



61.8524, 0.3851, 0.3307

Complementary

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



61.8524, 0.3090, 0.3930



48.1117, 0.3163, 0.2724

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.



61.8524, 0.3538, 0.2990



61.8524, 0.3090, 0.3930



61.8524, 0.2732, 0.2628

Square

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



61.8524, 0.3090, 0.3930



61.8524, 0.2364, 0.2860



61.8524, 0.3121, 0.2747



61.8524, 0.3953, 0.3640

Rectangle

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



61.8524, 0.3090, 0.3930



61.8524, 0.2519, 0.3340



61.8524, 0.3121, 0.2747



61.8524, 0.3766, 0.3196

Sweetspot

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



61.8550, 0.3090, 0.3930



95.6946, 0.3117, 0.3464



68.4279, 0.3471, 0.3871



20.4072, 0.3116, 0.3480



0.0000, 0.0000, 0.0000



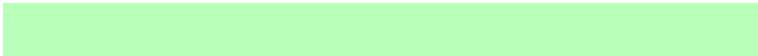
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8550, 0.3090, 0.3930



85.1653, 0.3081, 0.4088



62.9013, 0.2931, 0.3598



14.6105, 0.3113, 0.3527



30.0484, 0.2996, 0.5986



1.9482, 0.2985, 0.5944

Inverse Universe

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



48.1117, 0.3163, 0.2724



62.5028, 0.3171, 0.2604



46.8843, 0.3380, 0.3002



13.2701, 0.3141, 0.3064



11.8288, 0.3260, 0.1569



0.7678, 0.3251, 0.1565

Previews

White Background



This preview shows how the Yxy color 61.8524, 0.3090, 0.3930 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 61.8524, 0.3090, 0.3930 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 61.8524, 0.3090, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 61.8524, 0.3090, 0.3930.



This preview shows how white text looks on a background with the Yxy color 61.8524, 0.3090, 0.3930.

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

61.8524, 0.3090, 0.3930

Protanopia

61.3313, 0.3556, 0.3789

Deuteranopia

61.4098, 0.3640, 0.3567



Tritanopia

61.6549, 0.2787, 0.3088

Trichromacy



Original Color

61.8524, 0.3090, 0.3930



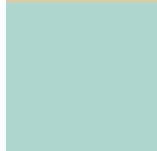
Protanomaly

61.0892, 0.3368, 0.3835



Deuteranomaly

61.1182, 0.3421, 0.3690



Tritanomaly

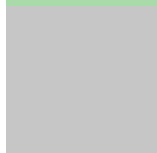
61.5968, 0.2891, 0.3375

Monochromacy



Original Color

61.8524, 0.3090, 0.3930



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

58.2953, 0.3116, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8524, 0.3090, 0.3930 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(168, 219, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 219, 169)  
}
```

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(168, 219, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 219, 169) }
```

Border

The CSS property to change the border of an element to Yxy 61.8524, 0.3090, 0.3930 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(168, 219, 169) }
```

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

```
.border{ border-color:rgb(168, 219, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 219, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 219, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 219, 169); box-shadow:4px 4px 4px 4px rgb(168, 219, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8524, 0.3090, 0.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 219, 169) }
```

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

```
.background{ background-color: rgb(168,  
219, 169) }
```

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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