

Converting Colors

Yxy(61.0080, 0.3133, 0.3936)

Have a look what the booklet for
Yxy(61.0080, 0.3133, 0.3936)
contains.

Yxy(61.0368, 0.3132, 0.3942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.0368, 0.3132, 0.3942)

Conversions

Conversions Part 1

Format	Color
Hex	ABD9A6
RGB	171, 217, 166
RGB Percent	67%, 85%, 65%
CMY	0.3293, 0.1490, 0.3490
CMYK	0.21, 0.00, 0.23, 0.15
HSL	114°, 40%, 75%
HSV	114°, 23%, 85%
XYZ	48.4950, 61.0368, 45.3053
YIQ	197.4320, -11.0450, -25.6130

Conversions

Conversions Part 2

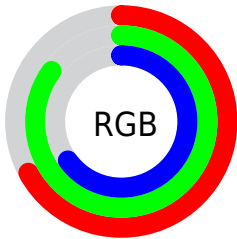
Format	Color
RYB	166, 217, 212
Decimal	11262374
CIELab	82.40, -24.60, 20.34
CIElCh	82, 31.917, 140.408
Yxy	61.0368, 0.3132, 0.3942
Android (android.graphics.Color)	4289452454 (0xFFABD9A6)
YUV	197.4320, -15.4960, -23.1809
Hunter-Lab	78.1261, -25.9207, 20.3059

Details

The Yxy color **61.0368, 0.3132, 0.3942** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.2799, 0.3111, 0.2701**, and the grayscale version is **56.2146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0714, 0.3148, 0.3640**, and **30.9071, 0.3124, 0.4122** is the 20% darker color. If you saturate the color by 10%, you get **58.2716, 0.3130, 0.4269**, and if you desaturate by 10%, it is **64.2667, 0.3131, 0.3643**.

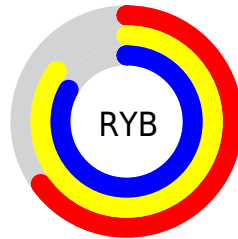
Distribution



Red (67%)

Green (85%)

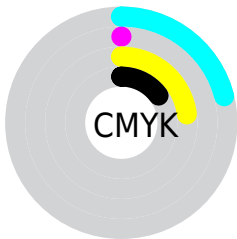
Blue (65%)



Red (65%)

Yellow (85%)

Blue (83%)

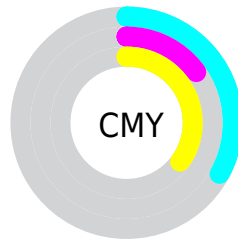


Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (15%)



Cyan (33%)


Magenta (15%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0368, 0.3132, 0.3942 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 61.0368, 0.3132, 0.3942 by changing the saturation by 10% instead.


 61.0368, 0.3132,
0.3942


 61.0368, 0.3132,
0.3942

428.4089, 0.3136,
0.3619

 44.2549, 0.3129,
0.4022


 106.3322, 0.3135,
0.3825

 30.8709, 0.3124,
0.4123


 135.6145, 0.3136,
0.3781

 20.5006, 0.3116,
0.4257


169.8323, 0.3136,
0.3744

 12.7594, 0.3101,
0.4442

209.3701, 0.3136,
0.3712

 7.2631, 0.3072,
0.4710

254.6123, 0.3136,
0.3684

 3.6272, 0.3010,
0.5132

305.9432, 0.3136,

 1.4673, 0.3138,

0.3659

0.6539

363.7473, 0.3136,
0.3638

0.2655, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.0368, 0.3132,
0.3942

61.0368, 0.3132,
0.3942

58.2716, 0.3130,
0.4269

64.2667, 0.3131,
0.3643

55.9425, 0.3124,
0.4615

67.9733, 0.3129,
0.3376

54.0294, 0.3113,
0.4964

72.1775, 0.3124,
0.3141

52.5076, 0.3098,
0.5294

76.8970, 0.3119,
0.2936

■ 51.3499, 0.3078,
0.5579

■ 78.1050, 0.3145,
0.2920

■ 50.5255, 0.3055,
0.5797

■ 49.9983, 0.3032,
0.5933

■ 49.7883, 0.3020,
0.5984

Harmonies

Analogous

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



61.0368, 0.3530, 0.4022



61.0368, 0.3132, 0.3942



61.0368, 0.2749, 0.3645

Triad

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



61.0368, 0.3132, 0.3942



61.0368, 0.2454, 0.2681



61.0368, 0.3818, 0.3274

Complementary

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



61.0368, 0.3132, 0.3942



46.2799, 0.3111, 0.2701

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.



61.0368, 0.3493, 0.2965



61.0368, 0.3132, 0.3942



61.0368, 0.2704, 0.2632

Square

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



61.0368, 0.3132, 0.3942



61.0368, 0.2374, 0.2895



61.0368, 0.3080, 0.2736



61.0368, 0.3943, 0.3604

Rectangle

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



61.0368, 0.3132, 0.3942



61.0368, 0.2551, 0.3380



61.0368, 0.3080, 0.2736



61.0368, 0.3727, 0.3165

Sweetspot

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



61.0394, 0.3132, 0.3942



95.9776, 0.3130, 0.3467



64.5419, 0.3492, 0.3819



20.4725, 0.3130, 0.3483



0.0000, 0.0000, 0.0000



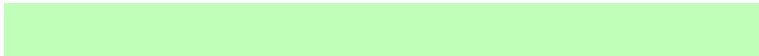
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0394, 0.3132, 0.3942



85.9917, 0.3131, 0.4095



61.2955, 0.2967, 0.3678



14.6672, 0.3130, 0.3531



30.1605, 0.3024, 0.5981



1.9753, 0.3090, 0.5928

Inverse Universe

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



46.2799, 0.3111, 0.2701



61.2869, 0.3106, 0.2579



46.0404, 0.3329, 0.2932



13.2064, 0.3122, 0.3059



10.1345, 0.2964, 0.1406



0.6758, 0.3006, 0.1430

Previews

White Background



This preview shows how the Yxy color 61.0368, 0.3132, 0.3942 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 61.0368, 0.3132, 0.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

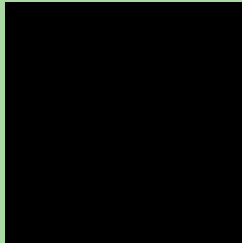
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0368, 0.3132, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 61.0368, 0.3132, 0.3942.



This preview shows how white text looks on a background with the Yxy color 61.0368, 0.3132, 0.3942.

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

61.0368, 0.3132, 0.3942

Protanopia

60.6292, 0.3566, 0.3803

Deuteranopia

60.6677, 0.3658, 0.3591



Tritanopia

60.9157, 0.2818, 0.3088

Trichromacy



Original Color

61.0368, 0.3132, 0.3942

Protanomaly

60.6271, 0.3400, 0.3859

Deuteranomaly

60.0474, 0.3448, 0.3704

Tritanomaly

60.7937, 0.2930, 0.3388

Monochromacy



Original Color

61.0368, 0.3132, 0.3942

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.4223, 0.3132, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0368, 0.3132, 0.3942 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(171, 217, 166)` looks like.

```
.text, #text, p{  
    color:rgb(171, 217, 166)  
}
```

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(171, 217, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 217, 166) }
```

Border

The CSS property to change the border of an element to Yxy 61.0368, 0.3132, 0.3942 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(171, 217, 166) }
```

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

```
.border{ border-color:rgb(171, 217, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 217, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 217, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 217, 166);  
box-shadow:4px 4px 4px 4px rgb(171, 217,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0368, 0.3132, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 217, 166) }
```

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

```
.background{ background-color: rgb(171,  
217, 166) }
```

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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