

Converting Colors

$Yxy(60.0042, 0.2948, 0.3716)$

Have a look what the booklet for
Yxy(60.0042, 0.2948, 0.3716)
contains.

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Color

Yxy(60.0042, 0.2948, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	A0D8B7
RGB	160, 216, 183
RGB Percent	63%, 85%, 72%
CMY	0.3725, 0.1529, 0.2824
CMYK	0.26, 0.00, 0.15, 0.15
HSL	145°, 42%, 74%
HSV	145°, 26%, 85%
XYZ	47.6029, 60.0042, 53.8681
YIQ	195.4940, -22.7830, -22.1350

Conversions

Conversions Part 2

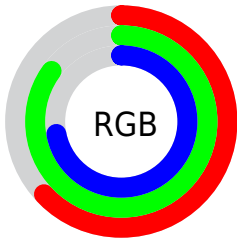
Format	Color
RYB	160, 200, 216
Decimal	10541239
CIELab	81.84, -24.66, 10.51
CIELCh	82, 26.802, 156.913
Yxy	60.0042, 0.2948, 0.3716
Android (android.graphics.Color)	4288731319 (0xFFA0D8B7)
YUV	195.4940, -6.1595, -31.1282
Hunter-Lab	77.4624, -25.8657, 12.9928

Details

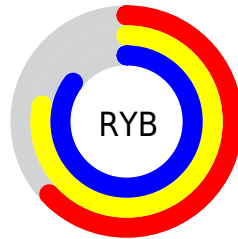
The Yxy color **60.0042, 0.2948, 0.3716** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.6006, 0.3360, 0.2900**, and the grayscale version is **54.9345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3509, 0.2980, 0.3455**, and **30.2272, 0.2898, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **57.4635, 0.2886, 0.3913**, and if you desaturate by 10%, it is **62.9846, 0.3015, 0.3537**.

Distribution



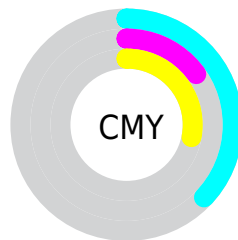
- Red (63%)
- Green (85%)
- Blue (72%)



- Red (63%)
- Yellow (78%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (37%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0042, 0.2948, 0.3716 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 60.0042, 0.2948, 0.3716 by changing the saturation by 10% instead.


 60.0042, 0.2948,
0.3716


 60.0042, 0.2948,
0.3716

424.6133, 0.3037,
0.3506

 43.4220, 0.2926,
0.3768


 104.8358, 0.2980,
0.3640

 30.2164, 0.2898,
0.3834


 133.8539, 0.2992,
0.3612

 20.0029, 0.2861,
0.3921

167.7862, 0.3002,
0.3587

 12.3971, 0.2810,
0.4040

207.0170, 0.3011,
0.3566

 7.0148, 0.2735,
0.4216

251.9307, 0.3019,
0.3548

 3.4713, 0.2614,
0.4496

302.9117, 0.3026,

 1.3825, 0.2369,

0.3532

0.5085

360.3445, 0.3032,
0.3518

■ 0.2038, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0042, 0.2948,
0.3716

■ 60.0042, 0.2948,
0.3716

■ 57.4635, 0.2886,
0.3913

■ 62.9846, 0.3015,
0.3537

■ 55.3339, 0.2833,
0.4125

■ 66.4171, 0.3085,
0.3377

■ 53.5946, 0.2791,
0.4350

■ 70.3226, 0.3156,
0.3234

■ 52.2202, 0.2765,
0.4581

■ 74.7187, 0.3226,
0.3108

■ 51.1821, 0.2756,
0.4811

■ 77.0675, 0.3201,
0.2989

■ 50.4470, 0.2767,
0.5032

■ 77.5920, 0.3145,
0.2910

■ 49.9742, 0.2795,
0.5236

■ 49.8272, 0.2809,
0.5314

Harmonies

Analogous

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



60.0042, 0.3291, 0.3891



60.0042, 0.2948, 0.3716



60.0042, 0.2664, 0.3408

Triad

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



60.0042, 0.2948, 0.3716



60.0042, 0.2655, 0.2731



60.0042, 0.3791, 0.3438

Complementary

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



60.0042, 0.2948, 0.3716



43.6006, 0.3360, 0.2900

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.



60.0042, 0.3603, 0.3155



60.0042, 0.2948, 0.3716



60.0042, 0.2936, 0.2761

Square

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



60.0042, 0.2948, 0.3716



60.0042, 0.2503, 0.2840



60.0042, 0.3284, 0.2913



60.0042, 0.3788, 0.3702

Rectangle

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



60.0042, 0.2948, 0.3716



60.0042, 0.2542, 0.3186



60.0042, 0.3284, 0.2913



60.0042, 0.3748, 0.3342

Sweetspot

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



60.0067, 0.2948, 0.3716



95.5835, 0.3070, 0.3410



63.0687, 0.3341, 0.3972



20.2918, 0.3059, 0.3433



0.0000, 0.0000, 0.0000



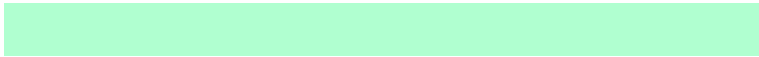
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0067, 0.2948, 0.3716



85.3174, 0.2914, 0.3820



61.2613, 0.2782, 0.3359



13.9796, 0.3061, 0.3431



29.5127, 0.2801, 0.5285



1.7963, 0.2705, 0.4937

Inverse Universe

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



43.6006, 0.3360, 0.2900



57.5952, 0.3423, 0.2816



42.4882, 0.3622, 0.3223



12.5425, 0.3200, 0.3153



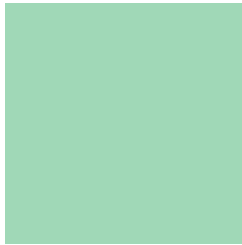
9.5757, 0.4573, 0.2293



0.5938, 0.4275, 0.2128

Previews

White Background



This preview shows how the Yxy color 60.0042, 0.2948, 0.3716 looks on a white background.

Color Contrast Check

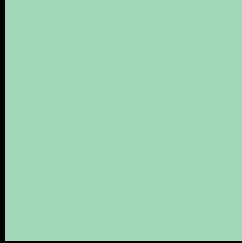
Large Text (above 18pt) WCAG AA × Fail

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 60.0042, 0.2948, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

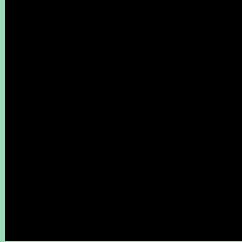
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

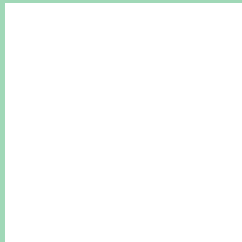
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0042, 0.2948, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 60.0042, 0.2948, 0.3716.



This preview shows how white text looks on a background with the Yxy color 60.0042, 0.2948, 0.3716.

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

60.0042, 0.2948, 0.3716

Protanopia

59.5218, 0.3408, 0.3596

Deuteranopia

59.5617, 0.3457, 0.3392



Tritanopia

59.9641, 0.2728, 0.3083

Trichromacy



Original Color

60.0042, 0.2948, 0.3716

Protanomaly

59.3497, 0.3226, 0.3633

Deuteranomaly

58.9536, 0.3250, 0.3494

Tritanomaly

59.7894, 0.2806, 0.3301

Monochromacy



Original Color

60.0042, 0.2948, 0.3716

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.5407, 0.3059, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0042, 0.2948, 0.3716 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(160, 216, 183)` looks like.

```
.text, #text, p{  
    color:rgb(160, 216, 183)  
}
```

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(160, 216, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 216, 183) }
```

Border

The CSS property to change the border of an element to Yxy 60.0042, 0.2948, 0.3716 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(160, 216, 183) }
```

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

```
.border{ border-color:rgb(160, 216, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 216, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 216, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 216, 183);  
box-shadow:4px 4px 4px 4px rgb(160, 216,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0042, 0.2948, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 216, 183) }
```

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

```
.background{ background-color: rgb(160,  
216, 183) }
```

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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