

Converting Colors

Yxy(53.2548, 0.3332, 0.4317)

Have a look what the booklet for
Yxy(53.2548, 0.3332, 0.4317)
contains.

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Color

Yxy(53.1401, 0.3339, 0.4317)

Conversions

Conversions Part 1

Format	Color
Hex	A4CD81
RGB	164, 205, 129
RGB Percent	64%, 80%, 51%
CMY	0.3569, 0.1960, 0.4942
CMYK	0.20, 0.00, 0.37, 0.20
HSL	92°, 43%, 65%
HSV	92°, 37%, 80%
XYZ	41.1014, 53.1401, 28.8535
YIQ	184.0770, -0.0400, -32.3280

Conversions

Conversions Part 2

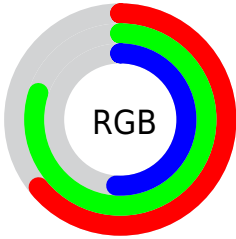
Format	Color
RYB	129, 205, 170
Decimal	10800513
CIELab	77.96, -26.89, 33.53
CIELCh	78, 42.982, 128.723
Yxy	53.1401, 0.3339, 0.4317
Android (android.graphics.Color)	4288990593 (0xFFA4CD81)
YUV	184.0770, -27.1530, -17.6075
Hunter-Lab	72.8973, -26.9272, 27.5605

Details

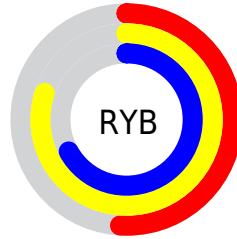
The Yxy color **53.1401, 0.3339, 0.4317** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.6505, 0.2824, 0.2283**, and the grayscale version is **48.1300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1545, 0.3321, 0.4056**, and **26.0628, 0.3374, 0.4630** is the 20% darker color. If you saturate the color by 10%, you get **51.5249, 0.3380, 0.4621**, and if you desaturate by 10%, it is **54.9717, 0.3288, 0.4017**.

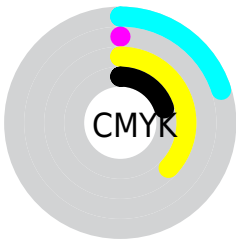
Distribution



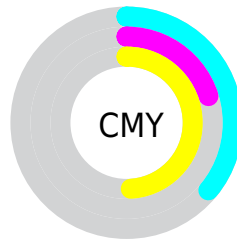
- Red (64%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)





- Cyan (36%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1401, 0.3339, 0.4317 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 53.1401, 0.3339, 0.4317 by changing the saturation by 10% instead.


 53.1401, 0.3339,
0.4317

 53.1401, 0.3339,
0.4317


398.8224, 0.3252,
0.3794


 37.9146, 0.3354,
0.4449


 94.8105, 0.3312,
0.4126

 25.9164, 0.3369,
0.4618


 122.0242, 0.3300,
0.4054

 16.7611, 0.3382,
0.4841


 154.0028, 0.3290,
0.3994

 10.0643, 0.3385,
0.5149

191.1306, 0.3281,
0.3942

 5.4416, 0.3356,
0.5589

233.7921, 0.3272,
0.3898

 2.5086, 0.3408,
0.6592

282.3716, 0.3265,

 0.8810, 0.1704,

0.3859

0.8296

337.2536, 0.3258,
0.3824

0.0000, 0.0000,
0.0000

53.1401, 0.3339,
0.4317

53.1401, 0.3339,
0.4317

51.5249, 0.3380,
0.4621

54.9717, 0.3288,
0.4017

50.1099, 0.3408,
0.4917

57.0212, 0.3230,
0.3731

48.8875, 0.3417,
0.5189


59.2989, 0.3170,
0.3465

47.8465, 0.3406,
0.5422


61.8124, 0.3110,
0.3221

46.9745, 0.3374,
0.5602

64.5690, 0.3050,
0.3001

 46.2554, 0.3325,
0.5724

 67.5754, 0.2993,
0.2803

 46.0673, 0.3309,
0.5755

 69.6600, 0.3052,
0.2786

 71.6704, 0.3132,
0.2799

 72.1462, 0.3150,
0.2801

Harmonies

Analogous

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



53.1401, 0.3865, 0.4269



53.1401, 0.3339, 0.4317



53.1401, 0.2783, 0.4001

Triad

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



53.1401, 0.3339, 0.4317



53.1401, 0.2135, 0.2527



53.1401, 0.3951, 0.3082

Complementary

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



53.1401, 0.3339, 0.4317



28.6505, 0.2824, 0.2283

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.



53.1401, 0.3413, 0.2706



53.1401, 0.3339, 0.4317



53.1401, 0.2381, 0.2388

Square

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



53.1401, 0.3339, 0.4317



53.1401, 0.2120, 0.2891



53.1401, 0.2834, 0.2459



53.1401, 0.4251, 0.3523

Rectangle

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



53.1401, 0.3339, 0.4317



53.1401, 0.2470, 0.3638



53.1401, 0.2834, 0.2459



53.1401, 0.3789, 0.2946

Sweetspot

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



53.1424, 0.3339, 0.4317



95.5653, 0.3195, 0.3571



43.1383, 0.3831, 0.3805



20.3450, 0.3203, 0.3607



0.0000, 0.0000, 0.0000



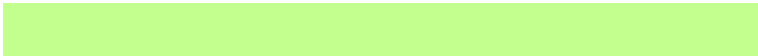
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1424, 0.3339, 0.4317



85.0284, 0.3371, 0.4545



49.9848, 0.3059, 0.4367



12.7858, 0.3184, 0.3525



28.7315, 0.3319, 0.5746



1.5272, 0.3474, 0.5624

Inverse Universe

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



28.6505, 0.2824, 0.2283



39.5482, 0.2744, 0.2064



32.9633, 0.3194, 0.2407



11.1371, 0.3065, 0.3056



4.8889, 0.2110, 0.0936



0.2970, 0.2316, 0.1050

Previews

White Background



This preview shows how the Yxy color 53.1401, 0.3339, 0.4317 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 53.1401, 0.3339, 0.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

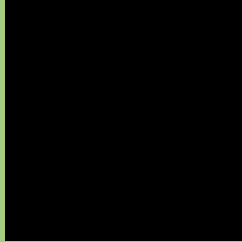
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1401, 0.3339, 0.4317

Background



This preview shows how black text looks on a background with the Yxy color 53.1401, 0.3339, 0.4317.



This preview shows how white text looks on a background with the Yxy color 53.1401, 0.3339, 0.4317.

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

53.1401, 0.3339, 0.4317

Protanopia

52.7098, 0.3806, 0.4113

Deuteranopia

52.6602, 0.3944, 0.3863



Tritanopia

52.9635, 0.2869, 0.3090

Trichromacy



Original Color

53.1401, 0.3339, 0.4317

Protanomaly

52.7763, 0.3628, 0.4188

Deuteranomaly

52.3444, 0.3709, 0.4029

Tritanomaly

52.9537, 0.3047, 0.3524

Monochromacy



Original Color

53.1401, 0.3339, 0.4317

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.7267, 0.3216, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1401, 0.3339, 0.4317 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(164, 205, 129)` looks like.

```
.text, #text, p{  
    color:rgb(164, 205, 129)  
}
```

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(164, 205, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 129) }
```

Border

The CSS property to change the border of an element to Yxy 53.1401, 0.3339, 0.4317 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(164, 205, 129) }
```

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

```
.border{ border-color:rgb(164, 205, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 205, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 129);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1401, 0.3339, 0.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 129) }
```

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

```
.background{ background-color: rgb(164,  
205, 129) }
```

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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