

Converting Colors

$Yxy(53.1324, 0.2934, 0.3654)$

Have a look what the booklet for
Yxy(53.1324, 0.2934, 0.3654)
contains.

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Color

Yxy(53.1324, 0.2934, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	99CCB1
RGB	153, 204, 177
RGB Percent	60%, 80%, 69%
CMY	0.4001, 0.2000, 0.3058
CMYK	0.25, 0.00, 0.13, 0.20
HSL	148°, 33%, 70%
HSV	148°, 25%, 80%
XYZ	42.6630, 53.1324, 49.6135
YIQ	185.6730, -21.7290, -19.2090

Conversions

Conversions Part 2

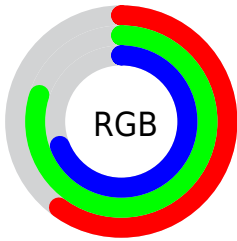
Format	Color
R _{YB}	153, 188, 204
Decimal	10079409
CIE _{Lab}	77.95, -22.14, 8.09
CIE _{LCh}	78, 23.570, 159.935
Y _{xy}	53.1324, 0.2934, 0.3654
Android (android.graphics.Color)	4288269489 (0xFF99CCB1)
YUV	185.6730, -4.2758, -28.6542
Hunter-Lab	72.8920, -23.0866, 10.6690

Details

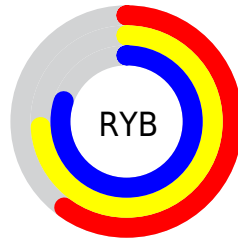
The Yxy color **53.1324, 0.2934, 0.3654** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9049, 0.3380, 0.2953**, and the grayscale version is **48.9425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8131, 0.2966, 0.3521**, and **26.0346, 0.2886, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **50.9034, 0.2865, 0.3827**, and if you desaturate by 10%, it is **55.7392, 0.3009, 0.3497**.

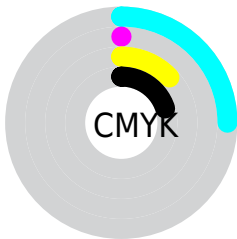
Distribution



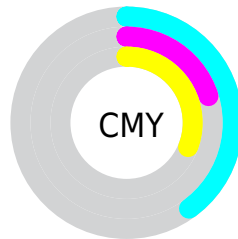
- Red (60%)
- Green (80%)
- Blue (69%)



- Red (60%)
- Yellow (74%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1324, 0.2934, 0.3654 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 53.1324, 0.2934, 0.3654 by changing the saturation by 10% instead.


 53.1324, 0.2934,
0.3654


 53.1324, 0.2934,
0.3654


398.7929, 0.3031,
0.3471

 37.9085, 0.2910,
0.3700


 94.7992, 0.2969,
0.3587

 25.9117, 0.2879,
0.3759


 122.0108, 0.2982,
0.3563

 16.7576, 0.2837,
0.3838


153.9871, 0.2994,
0.3541

 10.0618, 0.2780,
0.3948

191.1125, 0.3003,
0.3523

 5.4399, 0.2693,
0.4114

233.7714, 0.3011,
0.3508

 2.5076, 0.2551,
0.4390

282.3482, 0.3019,

 0.8805, 0.1888,

0.3494

0.5607

337.2272, 0.3025,
0.3482

0.0000, 0.0000,
0.0000

53.1324, 0.2934,
0.3654

53.1324, 0.2934,
0.3654

50.9034, 0.2865,
0.3827

55.7392, 0.3009,
0.3497

49.0275, 0.2804,
0.4014

58.7339, 0.3087,
0.3355

47.4873, 0.2756,
0.4212

62.1346, 0.3167,
0.3229

46.2612, 0.2723,
0.4418

65.9559, 0.3245,
0.3118

45.3252, 0.2709,
0.4626

70.2122, 0.3322,
0.3020

■ 44.6512, 0.2714,
0.4830

■ 70.8452, 0.3244,
0.2916

■ 44.2053, 0.2738,
0.5023

■ 71.5117, 0.3168,
0.2814

■ 44.0371, 0.2754,
0.5115

■ 71.6699, 0.3151,
0.2792

Harmonies

Analogous

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



53.1324, 0.3247, 0.3829



53.1324, 0.2934, 0.3654



53.1324, 0.2682, 0.3368

Triad

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



53.1324, 0.2934, 0.3654



53.1324, 0.2715, 0.2773



53.1324, 0.3743, 0.3454

Complementary

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



53.1324, 0.2934, 0.3654



38.9049, 0.3380, 0.2953

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.



53.1324, 0.3587, 0.3192



53.1324, 0.2934, 0.3654



53.1324, 0.2983, 0.2812

Square

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



53.1324, 0.2934, 0.3654



53.1324, 0.2561, 0.2862



53.1324, 0.3304, 0.2963



53.1324, 0.3723, 0.3691

Rectangle

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



53.1324, 0.2934, 0.3654



53.1324, 0.2577, 0.3167



53.1324, 0.3304, 0.2963



53.1324, 0.3709, 0.3367

Sweetspot

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



53.1346, 0.2934, 0.3654



95.6588, 0.3063, 0.3397



55.2151, 0.3306, 0.3950



20.3107, 0.3051, 0.3418



0.0000, 0.0000, 0.0000



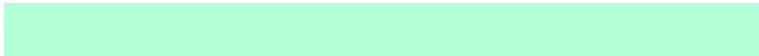
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1346, 0.2934, 0.3654



85.9276, 0.2896, 0.3745



54.2382, 0.2773, 0.3311



12.6235, 0.3053, 0.3415



27.7333, 0.2747, 0.5089



1.4460, 0.2643, 0.4716

Inverse Universe

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



38.9049, 0.3380, 0.2953



58.4118, 0.3450, 0.2877



37.9670, 0.3632, 0.3270



11.3111, 0.3209, 0.3168



8.7786, 0.4822, 0.2430



0.4681, 0.4423, 0.2210

Previews

White Background



This preview shows how the Yxy color 53.1324, 0.2934, 0.3654 looks on a white background.

Color Contrast Check

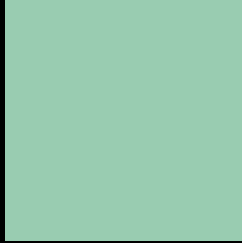
Large Text (above 18pt) WCAG AA × Fail

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 53.1324, 0.2934, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

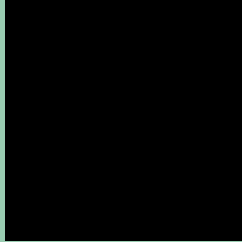
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1324, 0.2934, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 53.1324, 0.2934, 0.3654.



This preview shows how white text looks on a background with the Yxy color 53.1324, 0.2934, 0.3654.

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

53.1324, 0.2934, 0.3654

Protanopia

53.0191, 0.3372, 0.3562

Deuteranopia

52.9011, 0.3415, 0.3350



Tritanopia

53.2267, 0.2736, 0.3086

Trichromacy



Original Color

53.1324, 0.2934, 0.3654

Protanomaly

52.6873, 0.3201, 0.3585

Deuteranomaly

52.6417, 0.3217, 0.3453

Tritanomaly

53.1584, 0.2805, 0.3289

Monochromacy



Original Color

53.1324, 0.2934, 0.3654

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.5575, 0.3049, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1324, 0.2934, 0.3654 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(153, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(153, 204, 177)  
}
```

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(153, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 204, 177) }
```

Border

The CSS property to change the border of an element to Yxy 53.1324, 0.2934, 0.3654 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(153, 204, 177) }
```

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

```
.border{ border-color:rgb(153, 204, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 204, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 204, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 204, 177); box-shadow:4px 4px 4px 4px rgb(153, 204, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1324, 0.2934, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 204, 177) }
```

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

```
.background{ background-color: rgb(153,  
204, 177) }
```

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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