

Converting Colors

Yxy(53.1434, 0.3017, 0.4068)

Have a look what the booklet for
Yxy(53.1434, 0.3017, 0.4068)
contains.

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Color

Yxy(53.1295, 0.3020, 0.4075)

Conversions

Conversions Part 1

Format	Color
Hex	8ED098
RGB	142, 208, 152
RGB Percent	56%, 82%, 60%
CMY	0.4432, 0.1843, 0.4040
CMYK	0.32, 0.00, 0.27, 0.18
HSL	129°, 41%, 69%
HSV	129°, 32%, 82%
XYZ	39.3745, 53.1295, 37.8751
YIQ	181.8820, -21.3600, -31.4080

Conversions

Conversions Part 2

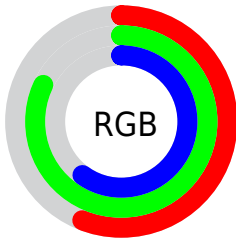
Format	Color
RYB	142, 199, 208
Decimal	9359512
CIELab	77.95, -32.23, 21.33
CIELCh	78, 38.650, 146.507
Yxy	53.1295, 0.3020, 0.4075
Android (android.graphics.Color)	4287549592 (0xFF8ED098)
YUV	181.8820, -14.7318, -34.9765
Hunter-Lab	72.8900, -31.1334, 20.2147

Details

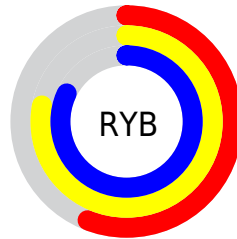
The Yxy color **53.1295, 0.3020, 0.4075** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.8294, 0.3258, 0.2615**, and the grayscale version is **46.7998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8953, 0.3042, 0.3817**, and **25.8459, 0.2973, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **50.9247, 0.2990, 0.4375**, and if you desaturate by 10%, it is **55.7682, 0.3053, 0.3798**.

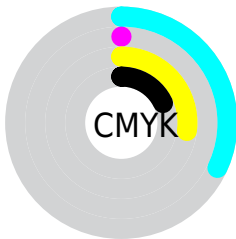
Distribution



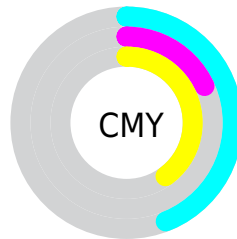
- Red (56%)
- Green (82%)
- Blue (60%)



- Red (56%)
- Yellow (78%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (18%)





- Cyan (44%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1295, 0.3020, 0.4075 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 53.1295, 0.3020, 0.4075 by changing the saturation by 10% instead.


 53.1295, 0.3020,
0.4075

 53.1295, 0.3020,
0.4075


398.7818, 0.3082,
0.3673

 37.9062, 0.3002,
0.4178

 94.7949, 0.3045,
0.3927

 25.9099, 0.2977,
0.4312


 122.0057, 0.3053,
0.3872

 16.7562, 0.2941,
0.4493


153.9812, 0.3060,
0.3825

 10.0608, 0.2885,
0.4748

191.1057, 0.3066,
0.3786

 5.4393, 0.2790,
0.5136

233.7636, 0.3071,
0.3752

 2.5073, 0.2621,
0.5818

282.3393, 0.3075,

 0.8803, 0.0536,

0.3722

0.9464

337.2172, 0.3079,
0.3696

0.0000, 0.0000,
0.0000

53.1295, 0.3020,
0.4075

53.1295, 0.3020,
0.4075

50.9247, 0.2990,
0.4375

55.7682, 0.3053,
0.3798

49.1241, 0.2964,
0.4690

58.8552, 0.3087,
0.3547

47.7048, 0.2946,
0.5004

62.4126, 0.3121,
0.3326

46.6390, 0.2938,
0.5301

66.4589, 0.3154,
0.3132

45.8950, 0.2940,
0.5559

71.0119, 0.3185,
0.2963

■ 45.4350, 0.2953,
0.5762

■ 73.5964, 0.3149,
0.2831

■ 45.2179, 0.2967,
0.5881

Harmonies

Analogous

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



53.1295, 0.3529, 0.4230



53.1295, 0.3020, 0.4075



53.1295, 0.2563, 0.3642

Triad

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



53.1295, 0.3020, 0.4075



53.1295, 0.2335, 0.2500



53.1295, 0.4062, 0.3342

Complementary

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



53.1295, 0.3020, 0.4075



36.8294, 0.3258, 0.2615

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.



53.1295, 0.3688, 0.2954



53.1295, 0.3020, 0.4075



53.1295, 0.2678, 0.2486

Square

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



53.1295, 0.3020, 0.4075



53.1295, 0.2193, 0.2714



53.1295, 0.3169, 0.2650



53.1295, 0.4155, 0.3748

Rectangle

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



53.1295, 0.3020, 0.4075



53.1295, 0.2346, 0.3291



53.1295, 0.3169, 0.2650



53.1295, 0.3964, 0.3207

Sweetspot

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



53.1317, 0.3020, 0.4075



94.1642, 0.3093, 0.3509



59.0889, 0.3521, 0.4099



19.9928, 0.3088, 0.3543



0.0000, 0.0000, 0.0000



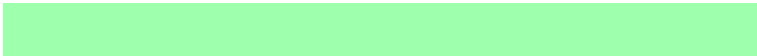
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1317, 0.3020, 0.4075



81.8075, 0.2999, 0.4274



54.3640, 0.2813, 0.3602



13.2350, 0.3095, 0.3493



28.1884, 0.2962, 0.5865



1.5856, 0.2881, 0.5572

Inverse Universe

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



36.8294, 0.3258, 0.2615



52.0587, 0.3292, 0.2474



35.4715, 0.3594, 0.3001



11.9770, 0.3161, 0.3095



10.3355, 0.3630, 0.1773



0.5864, 0.3541, 0.1724

Previews

White Background



This preview shows how the Yxy color 53.1295, 0.3020, 0.4075 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 53.1295, 0.3020, 0.4075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

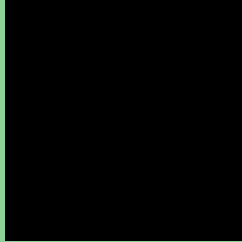
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1295, 0.3020, 0.4075

Background



This preview shows how black text looks on a background with the Yxy color 53.1295, 0.3020, 0.4075.

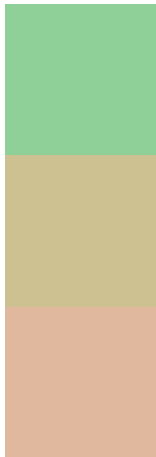


This preview shows how white text looks on a background with the Yxy color 53.1295, 0.3020, 0.4075.

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

53.1295, 0.3020, 0.4075

Protanopia

52.7227, 0.3607, 0.3870

Deuteranopia

52.4033, 0.3694, 0.3608



Tritanopia

53.1364, 0.2692, 0.3084

Trichromacy



Original Color

53.1295, 0.3020, 0.4075



Protanomaly

52.4714, 0.3369, 0.3943



Deuteranomaly

51.9758, 0.3429, 0.3773



Tritanomaly

53.0462, 0.2810, 0.3422

Monochromacy



Original Color

53.1295, 0.3020, 0.4075



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.4174, 0.3082, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1295, 0.3020, 0.4075 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(142, 208, 152)` looks like.

```
.text, #text, p{  
    color:rgb(142, 208, 152)  
}
```

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(142, 208, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 208, 152) }
```

Border

The CSS property to change the border of an element to Yxy 53.1295, 0.3020, 0.4075 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(142, 208, 152) }
```

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

```
.border{ border-color:rgb(142, 208, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 208, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 208, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 208, 152);  
box-shadow:4px 4px 4px 4px rgb(142, 208,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1295, 0.3020, 0.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 208, 152) }
```

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

```
.background{ background-color: rgb(142,  
208, 152) }
```

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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