

Converting Colors

$Y_{xy}(52.0155, 0.2694, 0.3082)$

Have a look what the booklet for
Yxy(52.0155, 0.2694, 0.3082)
contains.

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Color

Yxy(52.0155, 0.2694, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	99C6D6
RGB	153, 198, 214
RGB Percent	60%, 78%, 84%
CMY	0.4001, 0.2235, 0.1606
CMYK	0.29, 0.07, 0.00, 0.16
HSL	196°, 43%, 72%
HSV	196°, 29%, 84%
XYZ	45.4672, 52.0155, 71.2893
YIQ	186.3690, -31.9560, -4.5640

Conversions

Conversions Part 2

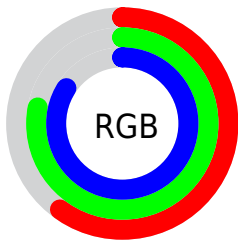
Format	Color
R _{YB}	153, 179, 214
Decimal	10077910
CIE Lab	77.29, -11.07, -12.82
CIE LCh	77, 16.940, 229.193
Yxy	52.0155, 0.2694, 0.3082
Android (android.graphics.Color)	4288267990 (0xFF99C6D6)
YUV	186.3690, 13.6221, -29.2646
Hunter-Lab	72.1218, -13.6828, -8.1204

Details

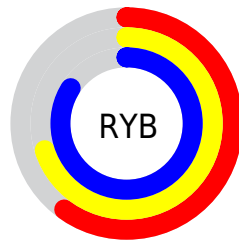
The Yxy color **52.0155, 0.2694, 0.3082** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.9762, 0.3698, 0.3488**, and the grayscale version is **49.2543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **25.1590, 0.2583, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **47.5974, 0.2552, 0.2997**, and if you desaturate by 10%, it is **56.9066, 0.2843, 0.3161**.

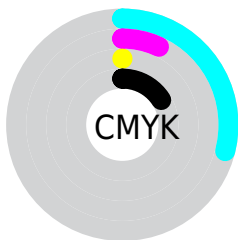
Distribution



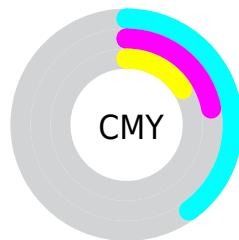
- Red (60%)
- Green (78%)
- Blue (84%)



- Red (60%)
- Yellow (70%)
- Blue (84%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0155, 0.2694, 0.3082 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 52.0155, 0.2694, 0.3082 by changing the saturation by 10% instead.

■ 52.0155, 0.2694,
0.3082

■ 52.0155, 0.2694,
0.3082

■ 394.4964, 0.2903,
0.3187

■ 37.0174, 0.2644,
0.3056

■ 93.1541, 0.2768,
0.3120

■ 25.2210, 0.2581,
0.3022

■ 120.0634, 0.2797,
0.3135

■ 16.2418, 0.2499,
0.2977

■ 151.7119, 0.2821,
0.3147

■ 9.6954, 0.2389,
0.2915

■ 188.4841, 0.2842,
0.3157

■ 5.1975, 0.2233,
0.2822

■ 230.7642, 0.2860,
0.3166

■ 2.3636, 0.1997,
0.2673

■ 278.9367, 0.2876,

■ 0.8071, 0.1493,

0.3174

0.2425

333.3860, 0.2891,
0.3181

0.0000, 0.0000,
0.0000

52.0155, 0.2694,
0.3082

52.0155, 0.2694,
0.3082

47.5974, 0.2552,
0.2997

56.9066, 0.2843,
0.3161

43.6251, 0.2419,
0.2907

62.2839, 0.2996,
0.3234

40.0778, 0.2301,
0.2812

68.1679, 0.3150,
0.3299

36.9301, 0.2199,
0.2715

74.5756, 0.3302,
0.3358

34.1534, 0.2116,
0.2616

80.5658, 0.3414,
0.3412

■ 31.7142, 0.2053,
0.2517

■ 83.6739, 0.3405,
0.3468

■ 29.5619, 0.2008,
0.2420

■ 86.8831, 0.3396,
0.3523

■ 29.2604, 0.2002,
0.2406

■ 90.1943, 0.3387,
0.3577

■ 93.6085, 0.3379,
0.3630

Harmonies

Analogous

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



52.0155, 0.2761, 0.3282



52.0155, 0.2694, 0.3082



52.0155, 0.2737, 0.2949

Triad

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



52.0155, 0.2694, 0.3082



52.0155, 0.3325, 0.3098



52.0155, 0.3368, 0.3695

Complementary

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



52.0155, 0.2694, 0.3082



44.9762, 0.3698, 0.3488

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.



52.0155, 0.3529, 0.3626



52.0155, 0.2694, 0.3082



52.0155, 0.3505, 0.3281

Square

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



52.0155, 0.2694, 0.3082



52.0155, 0.3095, 0.2964



52.0155, 0.3581, 0.3472



52.0155, 0.3146, 0.3648

Rectangle

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



52.0155, 0.2694, 0.3082



52.0155, 0.2823, 0.2911



52.0155, 0.3581, 0.3472



52.0155, 0.3431, 0.3684

Sweetspot

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



52.0176, 0.2694, 0.3082



92.1202, 0.2988, 0.3230



57.7190, 0.2992, 0.3901



19.4574, 0.2965, 0.3219



0.0000, 0.0000, 0.0000



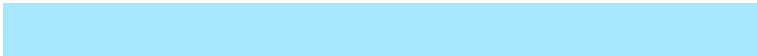
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0176, 0.2694, 0.3082



73.4260, 0.2610, 0.3033



39.7172, 0.2652, 0.2679



13.5304, 0.2982, 0.3227



17.8559, 0.2006, 0.2420



1.2084, 0.2052, 0.2588

Inverse Universe

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



41.1504, 0.3305, 0.2757



55.2160, 0.3351, 0.2647



57.3433, 0.3601, 0.3834



12.5744, 0.3177, 0.3120



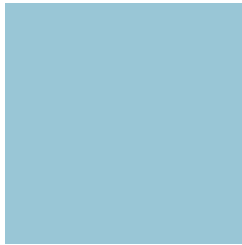
10.1474, 0.4002, 0.1978



0.6253, 0.3835, 0.1887

Previews

White Background



This preview shows how the Yxy color 52.0155, 0.2694, 0.3082 looks on a white background.

Color Contrast Check

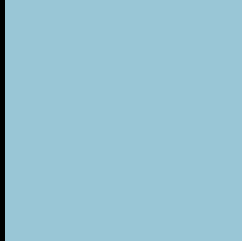
Large Text (above 18pt) WCAG AA × Fail

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 52.0155, 0.2694, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

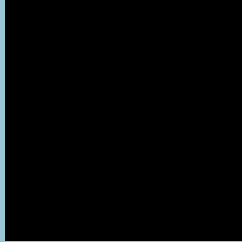
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0155, 0.2694, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 52.0155, 0.2694, 0.3082.



This preview shows how white text looks on a background with the Yxy color 52.0155, 0.2694, 0.3082.

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

52.0155, 0.2694, 0.3082

Protanopia

51.6406, 0.2978, 0.3057

Deuteranopia

51.4434, 0.2976, 0.2908



Tritanopia

52.0155, 0.2694, 0.3082

Trichromacy



Original Color

52.0155, 0.2694, 0.3082

Protanomaly

51.4664, 0.2867, 0.3064

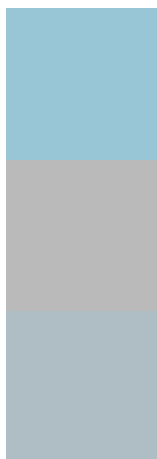
Deuteranomaly

51.4881, 0.2862, 0.2969

Tritanomaly

52.0155, 0.2694, 0.3082

Monochromacy



Original Color

52.0155, 0.2694, 0.3082

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8111, 0.2956, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0155, 0.2694, 0.3082 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, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(153, 198, 214)  
}
```

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, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 198, 214) }
```

Border

The CSS property to change the border of an element to Yxy 52.0155, 0.2694, 0.3082 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, 198, 214) }
```

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

```
.border{ border-color:rgb(153, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(153, 198,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0155, 0.2694, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 198, 214) }
```

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

```
.background{ background-color: rgb(153,  
198, 214) }
```

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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