

Converting Colors

$Y_{xy}(42.3003, 0.2993, 0.3520)$

Have a look what the booklet for
Yxy(42.3003, 0.2993, 0.3520)
contains.

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Color

Yxy(42.2484, 0.2991, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	96B5A5
RGB	150, 181, 165
RGB Percent	59%, 71%, 65%
CMY	0.4118, 0.2902, 0.3530
CMYK	0.17, 0.00, 0.09, 0.29
HSL	149°, 17%, 65%
HSV	149°, 17%, 71%
XYZ	35.8889, 42.2484, 41.8524
YIQ	169.9070, -13.3400, -11.5480

Conversions

Conversions Part 2

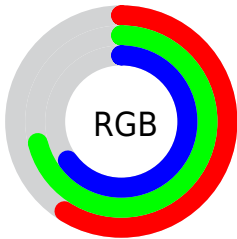
Format	Color
RYB	150, 171, 181
Decimal	9876901
CIELab	71.04, -13.79, 4.65
CIELCh	71, 14.554, 161.348
Yxy	42.2484, 0.2991, 0.3521
Android (android.graphics.Color)	4288066981 (0xFF96B5A5)
YUV	169.9070, -2.4192, -17.4584
Hunter-Lab	64.9988, -15.1894, 7.3226

Details

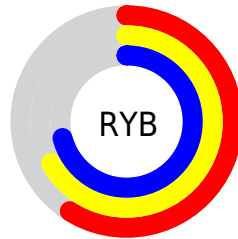
The Yxy color **42.2484, 0.2991, 0.3521** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.3847, 0.3290, 0.3070**, and the grayscale version is **40.1655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5730, 0.3014, 0.3477**, and **19.2832, 0.2954, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **40.3358, 0.2916, 0.3676**, and if you desaturate by 10%, it is **44.4547, 0.3070, 0.3381**.

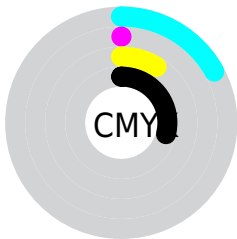
Distribution



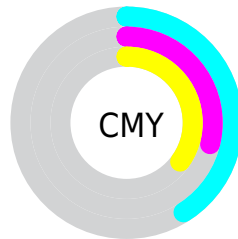
- Red (59%)
- Green (71%)
- Blue (65%)



- Red (59%)
- Yellow (67%)
- Blue (71%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (41%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2484, 0.2991, 0.3521 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 42.2484, 0.2991, 0.3521 by changing the saturation by 10% instead.

■ 42.2484, 0.2991,
0.3521

■ 42.2484, 0.2991,
0.3521

355.5116, 0.3061,
0.3402

■ 29.2958, 0.2973,
0.3552

■ 78.5754, 0.3017,
0.3477

■ 19.3047, 0.2949,
0.3593

■ 102.7187, 0.3027,
0.3460

■ 11.8907, 0.2917,
0.3649

131.3610, 0.3035,
0.3447

■ 6.6693, 0.2870,
0.3729

164.8867, 0.3042,
0.3435

■ 3.2561, 0.2796,
0.3857

203.6802, 0.3047,
0.3425

■ 1.2669, 0.2664,
0.4089

248.1259, 0.3053,

■ 0.1153, 0.0000,

0.3416

1.0000

298.6083, 0.3057,
0.3409

0.0000, 0.0000,
0.0000

42.2484, 0.2991,
0.3521

42.2484, 0.2991,
0.3521

40.3358, 0.2916,
0.3676

44.4547, 0.3070,
0.3381

38.6988, 0.2847,
0.3846

46.9613, 0.3150,
0.3256

37.3257, 0.2788,
0.4029

49.7810, 0.3230,
0.3145

36.2016, 0.2741,
0.4223

52.9245, 0.3309,
0.3047

35.3101, 0.2711,
0.4422

56.4020, 0.3385,
0.2961

■ 34.6330, 0.2698,
0.4624

■ 59.5365, 0.3429,
0.2882

■ 34.1487, 0.2705,
0.4821

■ 60.0490, 0.3352,
0.2791

■ 33.8269, 0.2731,
0.5008

■ 60.5897, 0.3278,
0.2703

■ 33.7487, 0.2739,
0.5060

■ 61.1591, 0.3205,
0.2618

Harmonies

Analogous

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



42.2484, 0.3201, 0.3640



42.2484, 0.2991, 0.3521



42.2484, 0.2822, 0.3335

Triad

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



42.2484, 0.2991, 0.3521



42.2484, 0.2858, 0.2939



42.2484, 0.3537, 0.3415

Complementary

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



42.2484, 0.2991, 0.3521



34.3847, 0.3290, 0.3070

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.



42.2484, 0.3440, 0.3235



42.2484, 0.2991, 0.3521



42.2484, 0.3043, 0.2968

Square

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



42.2484, 0.2991, 0.3521



42.2484, 0.2747, 0.3000



42.2484, 0.3256, 0.3075



42.2484, 0.3520, 0.3569

Rectangle

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



42.2484, 0.2991, 0.3521



42.2484, 0.2752, 0.3204



42.2484, 0.3256, 0.3075



42.2484, 0.3517, 0.3355

Sweetspot

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



42.2502, 0.2991, 0.3521



80.4868, 0.3086, 0.3354



43.3617, 0.3245, 0.3727



17.3317, 0.3081, 0.3363



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.2502, 0.2991, 0.3521



74.1549, 0.2959, 0.3585



42.8496, 0.2876, 0.3297



9.5563, 0.3053, 0.3410



23.2766, 0.2733, 0.5038



0.7442, 0.2586, 0.4508

Inverse Universe

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



34.3847, 0.3290, 0.3070



57.1240, 0.3338, 0.3013



33.8494, 0.3444, 0.3284



8.5761, 0.3209, 0.3173



7.3371, 0.4860, 0.2451



0.2426, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 42.2484, 0.2991, 0.3521 looks on a white background.

Color Contrast Check

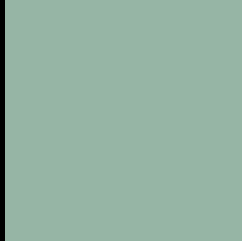
Large Text (above 18pt) WCAG AA × Fail

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 42.2484, 0.2991, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

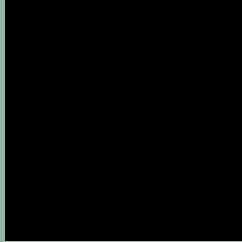
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2484, 0.2991, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 42.2484, 0.2991, 0.3521.



This preview shows how white text looks on a background with the Yxy color 42.2484, 0.2991, 0.3521.

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

42.2484, 0.2991, 0.3521

Protanopia

42.1636, 0.3292, 0.3453

Deuteranopia

42.0389, 0.3351, 0.3291



Tritanopia

42.1744, 0.2837, 0.3096

Trichromacy



Original Color

42.2484, 0.2991, 0.3521

Protanomaly

42.0943, 0.3180, 0.3485

Deuteranomaly

42.0243, 0.3213, 0.3372

Tritanomaly

41.9905, 0.2887, 0.3233

Monochromacy



Original Color

42.2484, 0.2991, 0.3521

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8858, 0.3079, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2484, 0.2991, 0.3521 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(150, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 165)  
}
```

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(150, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.2484, 0.2991, 0.3521 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(150, 181, 165) }
```

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

```
.border{ border-color:rgb(150, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2484, 0.2991, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 165) }
```

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

```
.background{ background-color: rgb(150,  
181, 165) }
```

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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