

Converting Colors

$Y_{xy}(41.5290, 0.2991, 0.3238)$

Have a look what the booklet for
Yxy(41.5290, 0.2991, 0.3238)
contains.

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Color

Yxy(41.5557, 0.2991, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	A2AFB2
RGB	162, 175, 178
RGB Percent	64%, 69%, 70%
CMY	0.3646, 0.3137, 0.3020
CMYK	0.09, 0.02, 0.00, 0.30
HSL	191°, 9%, 67%
HSV	191°, 9%, 70%
XYZ	38.2676, 41.5557, 48.1191
YIQ	171.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

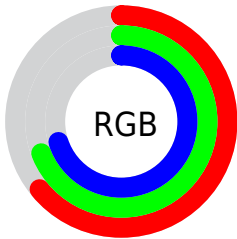
Format	Color
RYB	162, 169, 178
Decimal	10661810
CIELab	70.56, -3.91, -3.09
CIELCh	71, 4.988, 218.322
Yxy	41.5557, 0.2991, 0.3248
Android (android.graphics.Color)	4288851890 (0xFFA2AFB2)
YUV	171.4550, 3.2267, -8.2920
Hunter-Lab	64.4637, -6.8486, 0.8674

Details

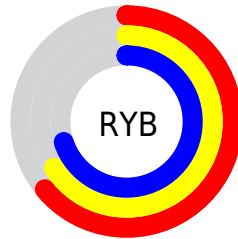
The Yxy color $41.5557, 0.2991, 0.3248$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.9861, 0.3276, 0.3332$, and the grayscale version is $40.9539, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8441, 0.3015, 0.3258$, and $18.9616, 0.2951, 0.3251$ is the 20% darker color. If you saturate the color by 10%, you get $38.5418, 0.2842, 0.3197$, and if you desaturate by 10%, it is $44.8690, 0.3143, 0.3295$.

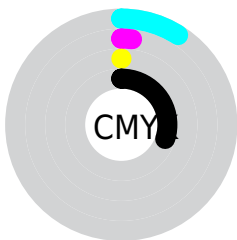
Distribution



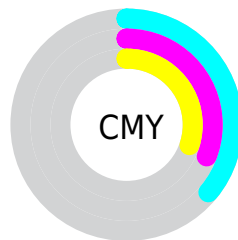
- Red (64%)
- Green (69%)
- Blue (70%)



- Red (64%)
- Yellow (66%)
- Blue (70%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)





- Cyan (36%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5557, 0.2991, 0.3248 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 41.5557, 0.2991, 0.3248 by changing the saturation by 10% instead.

 41.5557, 0.2991,
0.3248

 41.5557, 0.2991,
0.3248


352.6378, 0.3060,
0.3270

 28.7536, 0.2973,
0.3242


 77.5268, 0.3016,
0.3256

 18.8945, 0.2950,
0.3235


 101.4644, 0.3026,
0.3259

 11.5940, 0.2920,
0.3225


129.8828, 0.3034,
0.3262

 6.4679, 0.2876,
0.3210

163.1661, 0.3041,
0.3264

 3.1316, 0.2808,
0.3186

201.6989, 0.3047,
0.3266

 1.2008, 0.2692,
0.3144

245.8655, 0.3052,

 0.0624, 0.0000,

0.3267

0.1800

296.0504, 0.3056,
0.3269

0.0000, 0.0000,
0.0000

41.5557, 0.2991,
0.3248

41.5557, 0.2991,
0.3248

38.5418, 0.2842,
0.3197

44.8690, 0.3143,
0.3295

35.8108, 0.2699,
0.3142

48.4869, 0.3295,
0.3337

33.3524, 0.2565,
0.3083

52.4214, 0.3445,
0.3374

31.1536, 0.2442,
0.3020

56.6820, 0.3593,
0.3407

29.2003, 0.2335,
0.2955

61.2778, 0.3735,
0.3437

■ 27.4767, 0.2244,
0.2889

■ 63.5032, 0.3758,
0.3469

■ 25.9653, 0.2172,
0.2821

■ 65.0134, 0.3748,
0.3504

■ 24.6452, 0.2119,
0.2754

■ 66.5572, 0.3738,
0.3538

■ 23.4786, 0.2082,
0.2688

■ 68.1347, 0.3727,
0.3572

Harmonies

Analogous

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



41.5557, 0.3026, 0.3314



41.5557, 0.2991, 0.3248



41.5557, 0.2992, 0.3195

Triad

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



41.5557, 0.2991, 0.3248



41.5557, 0.3165, 0.3209



41.5557, 0.3226, 0.3414

Complementary

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



41.5557, 0.2991, 0.3248



38.9861, 0.3276, 0.3332

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.



41.5557, 0.3264, 0.3384



41.5557, 0.2991, 0.3248



41.5557, 0.3229, 0.3266

Square

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



41.5557, 0.2991, 0.3248



41.5557, 0.3092, 0.3174



41.5557, 0.3265, 0.3330



41.5557, 0.3161, 0.3410

Rectangle

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



41.5557, 0.2991, 0.3248



41.5557, 0.3013, 0.3174



41.5557, 0.3265, 0.3330



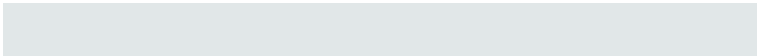
41.5557, 0.3242, 0.3407

Sweetspot

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



41.5574, 0.2991, 0.3248



78.8609, 0.3081, 0.3276



42.2355, 0.3093, 0.3474



17.3644, 0.3069, 0.3272



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.



41.5574, 0.2991, 0.3248



74.1124, 0.2958, 0.3237



38.5620, 0.2991, 0.3136



9.3556, 0.2986, 0.3246



16.8036, 0.2080, 0.2689



0.5987, 0.2132, 0.2874

Inverse Universe

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



38.4054, 0.3164, 0.3114



67.1208, 0.3173, 0.3069



41.9349, 0.3265, 0.3439



8.6189, 0.3165, 0.3107



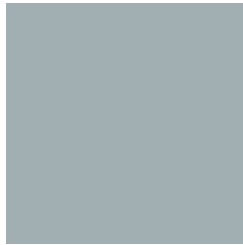
8.2365, 0.3739, 0.1833



0.2662, 0.3567, 0.1739

Previews

White Background



This preview shows how the Yxy color 41.5557, 0.2991, 0.3248 looks on a white background.

Color Contrast Check

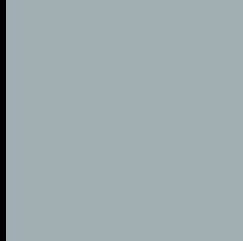
Large Text (above 18pt) WCAG AA × Fail

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 41.5557, 0.2991, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

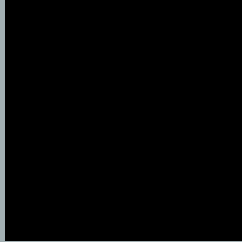
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

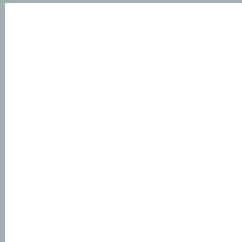
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5557, 0.2991, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 41.5557, 0.2991, 0.3248.



This preview shows how white text looks on a background with the Yxy color 41.5557, 0.2991, 0.3248.

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

41.5557, 0.2991, 0.3248

Protanopia

41.2591, 0.3112, 0.3222

Deuteranopia

41.3718, 0.3190, 0.3120



Tritanopia

41.7525, 0.2938, 0.3112

Trichromacy



Original Color

41.5557, 0.2991, 0.3248

Protanomaly

41.2254, 0.3068, 0.3221

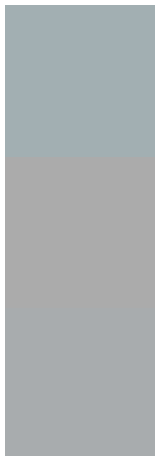
Deuteranomaly

41.3512, 0.3115, 0.3169

Tritanomaly

41.5193, 0.2953, 0.3152

Monochromacy



Original Color

41.5557, 0.2991, 0.3248

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8859, 0.3075, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5557, 0.2991, 0.3248 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(162, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 178)  
}
```

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(162, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.5557, 0.2991, 0.3248 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(162, 175, 178) }
```

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

```
.border{ border-color:rgb(162, 175, 178) }
```

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

Here you see how a box with a 4 pixel rgb(162, 175, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5557, 0.2991, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 178) }
```

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

```
.background{ background-color: rgb(162,  
175, 178) }
```

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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