

Converting Colors

$Y_{xy}(41.1255, 0.2958, 0.3117)$

Have a look what the booklet for
Yxy(41.1255, 0.2958, 0.3117)
contains.

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Color

Yxy(41.0072, 0.2961, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	A5ACB9
RGB	165, 172, 185
RGB Percent	65%, 67%, 73%
CMY	0.3531, 0.3254, 0.2746
CMYK	0.11, 0.07, 0.00, 0.27
HSL	219°, 13%, 69%
HSV	219°, 11%, 73%
XYZ	39.0175, 41.0072, 51.7466
YIQ	171.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

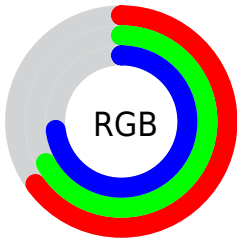
Format	Color
R _Y B	165, 170, 185
Decimal	10857657
CIE Lab	70.18, 0.13, -7.49
CIE LCh	70, 7.490, 271.004
Yxy	41.0072, 0.2961, 0.3112
Android (android.graphics.Color)	4289047737 (0xFFA5ACB9)
YUV	171.3890, 6.7102, -5.6032
Hunter-Lab	64.0369, -3.3050, -3.0849

Details

The Yxy color $41.0072, 0.2961, 0.3112$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.8338, 0.3297, 0.3462$, and the grayscale version is $40.8963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5047, 0.2992, 0.3142$, and $18.6096, 0.2910, 0.3061$ is the 20% darker color. If you saturate the color by 10%, you get $34.8131, 0.2797, 0.2927$, and if you desaturate by 10%, it is $47.9021, 0.3115, 0.3277$.

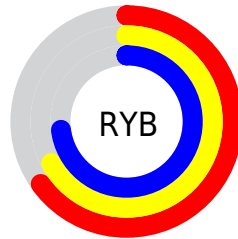
Distribution



Red (65%)

Green (67%)

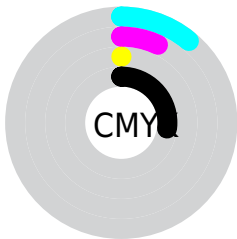
Blue (73%)



Red (65%)

Yellow (67%)

Blue (73%)

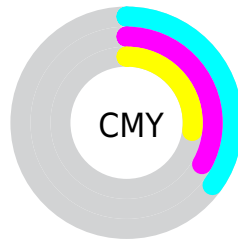


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0072, 0.2961, 0.3112 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 41.0072, 0.2961, 0.3112 by changing the saturation by 10% instead.

■ 41.0072, 0.2961,
0.3112

■ 41.0072, 0.2961,
0.3112

350.3507, 0.3046,
0.3203

■ 28.3247, 0.2939,
0.3089

■ 76.6948, 0.2992,
0.3145

■ 18.5706, 0.2911,
0.3059

■ 100.4687, 0.3004,
0.3158

■ 11.3604, 0.2873,
0.3018

128.7086, 0.3013,
0.3168

■ 6.3098, 0.2819,
0.2960

161.7988, 0.3022,
0.3177

■ 3.0344, 0.2736,
0.2871

200.1237, 0.3029,
0.3185

■ 1.1497, 0.2592,
0.2718

244.0677, 0.3035,

■ 0.0200, 0.0379,

0.3192

0.0341

294.0153, 0.3041,
0.3197

0.0000, 0.0000,
0.0000

41.0072, 0.2961,
0.3112

41.0072, 0.2961,
0.3112

34.8131, 0.2797,
0.2927

47.9021, 0.3115,
0.3277

29.2917, 0.2626,
0.2722

55.5147, 0.3258,
0.3423

24.4203, 0.2450,
0.2500

63.8675, 0.3389,
0.3552

20.1729, 0.2275,
0.2262

72.9805, 0.3510,
0.3664

16.5216, 0.2108,
0.2016

82.4064, 0.3601,
0.3765

■ 13.4361, 0.1954,
0.1768

■ 89.3727, 0.3571,
0.3878

■ 10.8829, 0.1823,
0.1529

■ 96.2820, 0.3544,
0.3979

■ 8.8238, 0.1719,
0.1309

■ 7.3131, 0.1647,
0.1130

Harmonies

Analogous

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



41.0072, 0.2918, 0.3162



41.0072, 0.2961, 0.3112



41.0072, 0.3048, 0.3109

Triad

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



41.0072, 0.2961, 0.3112



41.0072, 0.3328, 0.3326



41.0072, 0.3094, 0.3434

Complementary

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



41.0072, 0.2961, 0.3112



44.8338, 0.3297, 0.3462

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.



41.0072, 0.3204, 0.3478



41.0072, 0.2961, 0.3112



41.0072, 0.3340, 0.3413

Square

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



41.0072, 0.2961, 0.3112



41.0072, 0.3260, 0.3231



41.0072, 0.3295, 0.3470



41.0072, 0.2995, 0.3349

Rectangle

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



41.0072, 0.2961, 0.3112



41.0072, 0.3120, 0.3133



41.0072, 0.3295, 0.3470



41.0072, 0.3131, 0.3454

Sweetspot

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



41.0089, 0.2961, 0.3112



82.9576, 0.3082, 0.3242



45.8842, 0.3018, 0.3390



17.6649, 0.3069, 0.3229



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.0089, 0.2961, 0.3112



70.7033, 0.2923, 0.3070



38.6792, 0.2983, 0.3015



9.2240, 0.2985, 0.3138



5.1062, 0.1654, 0.1153



0.2989, 0.1805, 0.1699

Inverse Universe

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



40.1848, 0.3253, 0.3196



68.9904, 0.3285, 0.3175



47.3879, 0.3263, 0.3555



9.0632, 0.3234, 0.3210



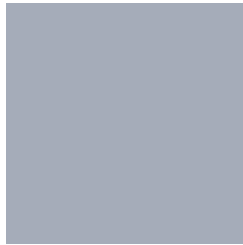
7.2978, 0.5533, 0.2822



0.2693, 0.4808, 0.2422

Previews

White Background



This preview shows how the Yxy color 41.0072, 0.2961, 0.3112 looks on a white background.

Color Contrast Check

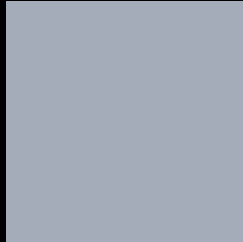
Large Text (above 18pt) WCAG AA × Fail

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 41.0072, 0.2961, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

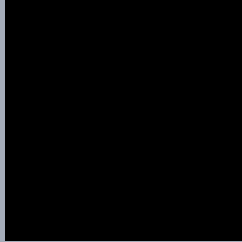
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

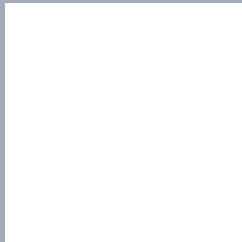
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0072, 0.2961, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 41.0072, 0.2961, 0.3112.



This preview shows how white text looks on a background with the Yxy color 41.0072, 0.2961, 0.3112.

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

41.0072, 0.2961, 0.3112

Protanopia

40.8681, 0.3021, 0.3100

Deuteranopia

41.0064, 0.3094, 0.3039



Tritanopia

41.0496, 0.2953, 0.3098

Trichromacy



Original Color

41.0072, 0.2961, 0.3112

Protanomaly

41.0215, 0.3003, 0.3113

Deuteranomaly

41.0351, 0.3040, 0.3062

Tritanomaly

41.0496, 0.2953, 0.3098

Monochromacy



Original Color

41.0072, 0.2961, 0.3112

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6954, 0.3068, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0072, 0.2961, 0.3112 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(165, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(165, 172, 185)  
}
```

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(165, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 172, 185) }
```

Border

The CSS property to change the border of an element to Yxy 41.0072, 0.2961, 0.3112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

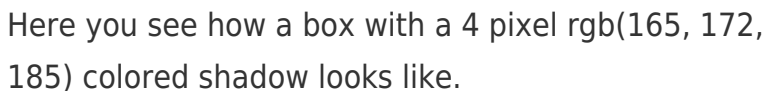
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 172, 185) }
```

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

```
.border{ border-color:rgb(165, 172, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(165, 172,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0072, 0.2961, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 172, 185) }
```

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

```
.background{ background-color: rgb(165,  
172, 185) }
```

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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