

Converting Colors

$Yxy(44.0984, 0.2937, 0.3139)$

Have a look what the booklet for
Yxy(44.0984, 0.2937, 0.3139)
contains.

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Color

Yxy(44.1734, 0.2941, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	A7B3BE
RGB	167, 179, 190
RGB Percent	65%, 70%, 75%
CMY	0.3452, 0.2980, 0.2549
CMYK	0.12, 0.06, 0.00, 0.25
HSL	209°, 15%, 70%
HSV	209°, 12%, 75%
XYZ	41.3475, 44.1734, 55.0691
YIQ	176.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

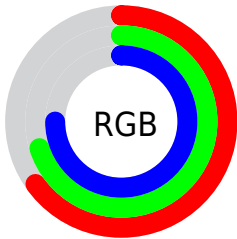
Format	Color
RYB	167, 175, 190
Decimal	10990526
CIELab	72.34, -1.94, -7.03
CIELCh	72, 7.292, 254.584
Yxy	44.1734, 0.2941, 0.3142
Android (android.graphics.Color)	4289180606 (0xFFA7B3BE)
YUV	176.6660, 6.5737, -8.4771
Hunter-Lab	66.4631, -5.2632, -2.6016

Details

The Yxy color **44.1734, 0.2941, 0.3142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.5699, 0.3325, 0.3434**, and the grayscale version is **43.7505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6001, 0.2976, 0.3175**, and **20.3727, 0.2885, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **38.7368, 0.2782, 0.3005**, and if you desaturate by 10%, it is **50.1572, 0.3095, 0.3266**.

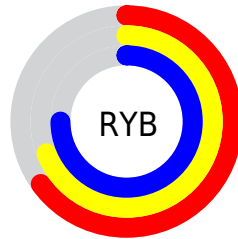
Distribution



Red (65%)

Green (70%)

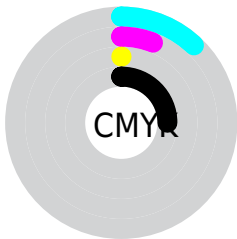
Blue (75%)



Red (65%)

Yellow (69%)

Blue (75%)

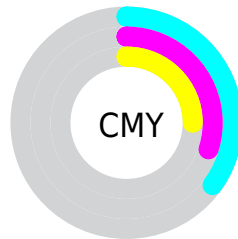


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1734, 0.2941, 0.3142 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 44.1734, 0.2941, 0.3142 by changing the saturation by 10% instead.

■ 44.1734, 0.2941,
0.3142

■ 44.1734, 0.2941,
0.3142

363.4154, 0.3035,
0.3217

■ 30.8069, 0.2918,
0.3123

■ 81.4786, 0.2975,
0.3169

■ 20.4518, 0.2887,
0.3098

■ 106.1861, 0.2988,
0.3180

■ 12.7239, 0.2847,
0.3066

135.4426, 0.2999,
0.3188

■ 7.2387, 0.2790,
0.3019

169.6326, 0.3008,
0.3196

■ 3.6118, 0.2705,
0.2948

209.1405, 0.3016,
0.3202

■ 1.4589, 0.2562,
0.2828

254.3507, 0.3023,

■ 0.2595, 0.1617,

0.3208

0.2105

305.6475, 0.3029,
0.3213

0.0000, 0.0000,
0.0000

44.1734, 0.2941,
0.3142

44.1734, 0.2941,
0.3142

38.7368, 0.2782,
0.3005

50.1572, 0.3095,
0.3266

33.8240, 0.2621,
0.2854

56.6995, 0.3243,
0.3376

29.4181, 0.2462,
0.2691

63.8181, 0.3383,
0.3473

25.4988, 0.2309,
0.2517

71.5284, 0.3515,
0.3559

22.0442, 0.2166,
0.2336

78.4969, 0.3585,
0.3641

■ 19.0303, 0.2038,
0.2150

■ 83.5170, 0.3563,
0.3729

■ 16.4301, 0.1930,
0.1965

■ 88.8017, 0.3542,
0.3815

■ 14.2123, 0.1845,
0.1786

■ 94.3546, 0.3521,
0.3899

■ 12.6918, 0.1792,
0.1650

■ 96.4983, 0.3514,
0.3929

Harmonies

Analogous

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



44.1734, 0.2929, 0.3211



44.1734, 0.2941, 0.3142



44.1734, 0.3003, 0.3114

Triad

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



44.1734, 0.2941, 0.3142



44.1734, 0.3288, 0.3274



44.1734, 0.3154, 0.3456

Complementary

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



44.1734, 0.2941, 0.3142



45.5699, 0.3325, 0.3434

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.



44.1734, 0.3251, 0.3471



44.1734, 0.2941, 0.3142



44.1734, 0.3330, 0.3364

Square

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



44.1734, 0.2941, 0.3142



44.1734, 0.3203, 0.3190



44.1734, 0.3316, 0.3436



44.1734, 0.3050, 0.3394

Rectangle

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



44.1734, 0.2941, 0.3142



44.1734, 0.3064, 0.3121



44.1734, 0.3316, 0.3436



44.1734, 0.3188, 0.3466

Sweetspot

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



44.1752, 0.2941, 0.3142



88.6969, 0.3066, 0.3243



48.2487, 0.3033, 0.3455



19.2911, 0.3054, 0.3233



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.1752, 0.2941, 0.3142



76.8628, 0.2892, 0.3101



39.8414, 0.2938, 0.2987



10.0278, 0.2984, 0.3178



8.5962, 0.1798, 0.1672



0.4670, 0.1915, 0.2094

Inverse Universe

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



41.8321, 0.3236, 0.3134



71.7457, 0.3268, 0.3092



50.2387, 0.3307, 0.3576



9.6174, 0.3209, 0.3171



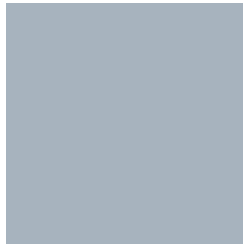
7.8975, 0.4841, 0.2440



0.3225, 0.4348, 0.2169

Previews

White Background



This preview shows how the Yxy color 44.1734, 0.2941, 0.3142 looks on a white background.

Color Contrast Check

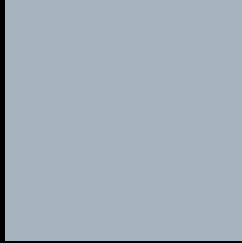
Large Text (above 18pt) WCAG AA × Fail

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 44.1734, 0.2941, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

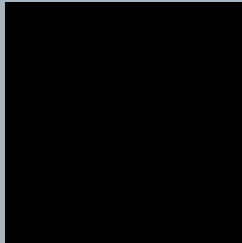
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

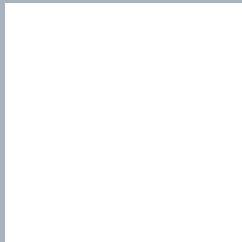
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1734, 0.2941, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 44.1734, 0.2941, 0.3142.



This preview shows how white text looks on a background with the Yxy color 44.1734, 0.2941, 0.3142.

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

44.1734, 0.2941, 0.3142

Protanopia

44.0286, 0.3040, 0.3132

Deuteranopia

43.9580, 0.3112, 0.3047



Tritanopia

44.3059, 0.2919, 0.3103

Trichromacy



Original Color

44.1734, 0.2941, 0.3142

Protanomaly

44.0026, 0.2998, 0.3131

Deuteranomaly

44.1248, 0.3042, 0.3082

Tritanomaly

44.2615, 0.2926, 0.3116

Monochromacy



Original Color

44.1734, 0.2941, 0.3142

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1024, 0.3052, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1734, 0.2941, 0.3142 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(167, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 179, 190)  
}
```

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(167, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 179, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.1734, 0.2941, 0.3142 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(167, 179, 190) }
```

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

```
.border{ border-color:rgb(167, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(167, 179,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1734, 0.2941, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 179, 190) }
```

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

```
.background{ background-color: rgb(167,  
179, 190) }
```

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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