

Converting Colors

$Yxy(44.4655, 0.2995, 0.3155)$

Have a look what the booklet for
Yxy(44.4655, 0.2995, 0.3155)
contains.

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Color

Yxy(44.2856, 0.2990, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	ACB2BD
RGB	172, 178, 189
RGB Percent	67%, 70%, 74%
CMY	0.3255, 0.3019, 0.2589
CMYK	0.09, 0.06, 0.00, 0.26
HSL	219°, 11%, 71%
HSV	219°, 9%, 74%
XYZ	42.1164, 44.2856, 54.4555
YIQ	177.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

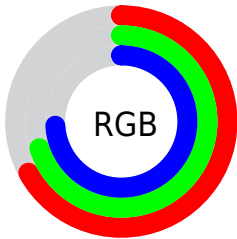
Format	Color
RYB	172, 176, 189
Decimal	11317949
CIELab	72.42, 0.07, -6.31
CIELCh	72, 6.308, 270.665
Yxy	44.2856, 0.2990, 0.3144
Android (android.graphics.Color)	4289508029 (0xFFACB2BD)
YUV	177.4600, 5.6892, -4.7884
Hunter-Lab	66.5474, -3.4893, -1.9336

Details

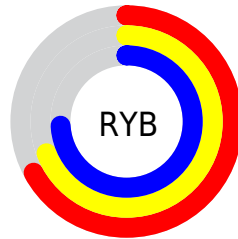
The Yxy color $44.2856, 0.2990, 0.3144$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.6466, 0.3267, 0.3432$, and the grayscale version is $44.1935, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7691, 0.3014, 0.3176$, and $20.4379, 0.2950, 0.3089$ is the 20% darker color. If you saturate the color by 10%, you get $37.6545, 0.2828, 0.2963$, and if you desaturate by 10%, it is $51.6570, 0.3142, 0.3306$.

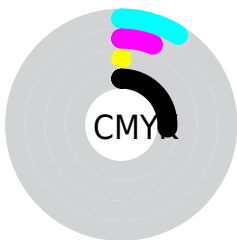
Distribution



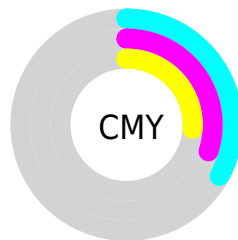
- Red (67%)
- Green (70%)
- Blue (74%)



- Red (67%)
- Yellow (69%)
- Blue (74%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2856, 0.2990, 0.3144 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 44.2856, 0.2990, 0.3144 by changing the saturation by 10% instead.

■ 44.2856, 0.2990,
0.3144

■ 44.2856, 0.2990,
0.3144

363.8725, 0.3059,
0.3218

■ 30.8951, 0.2973,
0.3125

■ 81.6473, 0.3015,
0.3171

■ 20.5190, 0.2950,
0.3102

106.3873, 0.3025,
0.3181

■ 12.7729, 0.2920,
0.3070

135.6793, 0.3033,
0.3189

■ 7.2723, 0.2878,
0.3025

169.9077, 0.3039,
0.3197

■ 3.6330, 0.2814,
0.2957

209.4567, 0.3045,
0.3203

■ 1.4705, 0.2707,
0.2843

254.7110, 0.3050,

■ 0.2678, 0.2040,

0.3208

0.2131

306.0548, 0.3055,
0.3213

0.0000, 0.0000,
0.0000

44.2856, 0.2990,
0.3144

44.2856, 0.2990,
0.3144

37.6545, 0.2828,
0.2963

51.6570, 0.3142,
0.3306

31.7340, 0.2657,
0.2762

59.7858, 0.3283,
0.3448

26.5007, 0.2482,
0.2542

68.6957, 0.3413,
0.3574

21.9276, 0.2306,
0.2307

78.4076, 0.3531,
0.3683

17.9858, 0.2137,
0.2062

86.6973, 0.3557,
0.3793

■ 14.6438, 0.1980,
0.1814

■ 94.0916, 0.3528,
0.3906

■ 11.8671, 0.1844,
0.1572

■ 96.4529, 0.3520,
0.3939

■ 9.6167, 0.1736,
0.1348

■ 7.8346, 0.1655,
0.1149

Harmonies

Analogous

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



44.2856, 0.2955, 0.3186



44.2856, 0.2990, 0.3144



44.2856, 0.3061, 0.3141

Triad

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



44.2856, 0.2990, 0.3144



44.2856, 0.3291, 0.3319



44.2856, 0.3101, 0.3408

Complementary

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



44.2856, 0.2990, 0.3144



47.6466, 0.3267, 0.3432

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.



44.2856, 0.3192, 0.3444



44.2856, 0.2990, 0.3144



44.2856, 0.3302, 0.3391

Square

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



44.2856, 0.2990, 0.3144



44.2856, 0.3236, 0.3241



44.2856, 0.3265, 0.3437



44.2856, 0.3019, 0.3340

Rectangle

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



44.2856, 0.2990, 0.3144



44.2856, 0.3121, 0.3160



44.2856, 0.3265, 0.3437



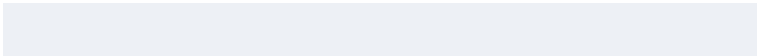
44.2856, 0.3132, 0.3425

Sweetspot

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



44.2875, 0.2990, 0.3144



87.0161, 0.3082, 0.3242



48.5623, 0.3036, 0.3372



18.4821, 0.3069, 0.3229



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.2875, 0.2990, 0.3144



76.6245, 0.2955, 0.3106



42.2075, 0.3009, 0.3064



9.7630, 0.2984, 0.3138



5.2959, 0.1654, 0.1154



0.3323, 0.1794, 0.1656

Inverse Universe

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



43.5355, 0.3230, 0.3212



75.0213, 0.3258, 0.3193



49.8897, 0.3240, 0.3509



9.5907, 0.3234, 0.3209



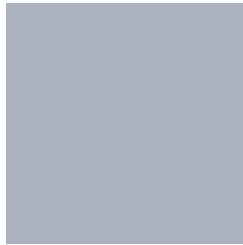
7.5643, 0.5532, 0.2821



0.3089, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 44.2856, 0.2990, 0.3144 looks on a white background.

Color Contrast Check

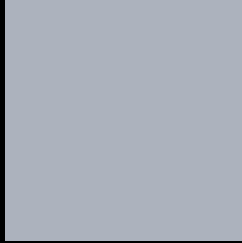
Large Text (above 18pt) WCAG AA × Fail

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 44.2856, 0.2990, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

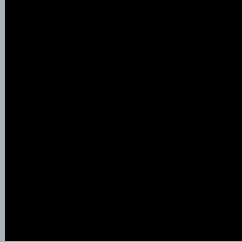
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

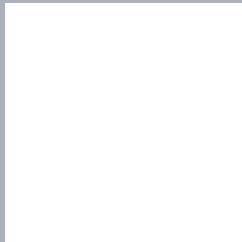
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2856, 0.2990, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 44.2856, 0.2990, 0.3144.

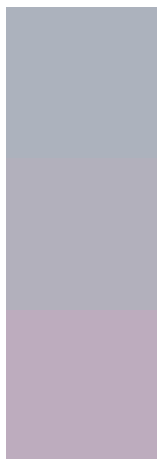


This preview shows how white text looks on a background with the Yxy color 44.2856, 0.2990, 0.3144.

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

44.2856, 0.2990, 0.3144

Protanopia

44.1465, 0.3048, 0.3132

Deuteranopia

44.0416, 0.3129, 0.3060



Tritanopia

44.4172, 0.2967, 0.3105

Trichromacy



Original Color

44.2856, 0.2990, 0.3144

Protanomaly

44.3052, 0.3031, 0.3145

Deuteranomaly

44.0571, 0.3076, 0.3083

Tritanomaly

44.3730, 0.2975, 0.3118

Monochromacy



Original Color

44.2856, 0.2990, 0.3144

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8944, 0.3078, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2856, 0.2990, 0.3144 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(172, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 189)  
}
```

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(172, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 189) }
```

Border

The CSS property to change the border of an element to Yxy 44.2856, 0.2990, 0.3144 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(172, 178, 189) }
```

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

```
.border{ border-color:rgb(172, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2856, 0.2990, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 189) }
```

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

```
.background{ background-color: rgb(172,  
178, 189) }
```

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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