

Converting Colors

$Yxy(43.0445, 0.2960, 0.3240)$

Have a look what the booklet for
Yxy(43.0445, 0.2960, 0.3240)
contains.

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Color

Yxy(42.8996, 0.2960, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	A2B2B6
RGB	162, 178, 182
RGB Percent	64%, 70%, 71%
CMY	0.3650, 0.3019, 0.2863
CMYK	0.11, 0.02, 0.00, 0.29
HSL	192°, 12%, 67%
HSV	192°, 11%, 71%
XYZ	39.2528, 42.8996, 50.4584
YIQ	173.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

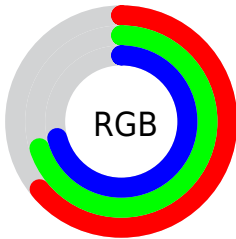
Format	Color
RYB	162, 171, 182
Decimal	10662582
CIELab	71.49, -4.75, -3.93
CIELCh	71, 6.167, 219.602
Yxy	42.8996, 0.2960, 0.3235
Android (android.graphics.Color)	4288852662 (0xFFA2B2B6)
YUV	173.6720, 4.1057, -10.2363
Hunter-Lab	65.4978, -7.6461, 0.1724

Details

The Yxy color **42.8996, 0.2960, 0.3235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7843, 0.3314, 0.3344**, and the grayscale version is **42.1285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7704, 0.2991, 0.3247**, and **19.5672, 0.2911, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **39.7200, 0.2812, 0.3180**, and if you desaturate by 10%, it is **46.3960, 0.3112, 0.3285**.

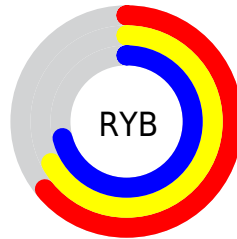
Distribution



Red (64%)

Green (70%)

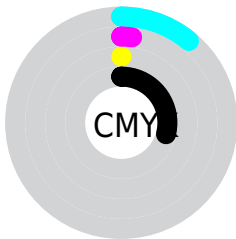
Blue (71%)



Red (64%)

Yellow (67%)

Blue (71%)

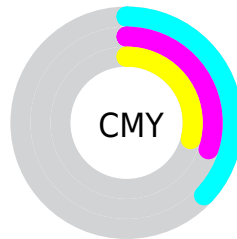


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (37%)


Magenta (30%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8996, 0.2960, 0.3235 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 42.8996, 0.2960, 0.3235 by changing the saturation by 10% instead.


 42.8996, 0.2960,
0.3235


 42.8996, 0.2960,
0.3235


358.1987, 0.3044,
0.3263

 29.8063, 0.2939,
0.3228


 79.5593, 0.2991,
0.3246

 19.6916, 0.2911,
0.3218


 103.8946, 0.3002,
0.3249

 12.1711, 0.2874,
0.3205


132.7460, 0.3012,
0.3253

 6.8603, 0.2822,
0.3186

166.4979, 0.3020,
0.3256

 3.3749, 0.2742,
0.3156

205.5348, 0.3028,
0.3258

 1.3304, 0.2608,
0.3102

250.2409, 0.3034,

 0.1646, 0.0614,

0.3260

0.2497

301.0008, 0.3039,
0.3262

0.0000, 0.0000,
0.0000

42.8996, 0.2960,
0.3235

42.8996, 0.2960,
0.3235

39.7200, 0.2812,
0.3180

46.3960, 0.3112,
0.3285

36.8399, 0.2669,
0.3121

50.2153, 0.3264,
0.3331

34.2480, 0.2536,
0.3057

54.3700, 0.3415,
0.3371

31.9303, 0.2415,
0.2991

58.8702, 0.3562,
0.3407

29.8717, 0.2309,
0.2921

63.7259, 0.3705,
0.3439

■ 28.0551, 0.2221,
0.2850

■ 65.7584, 0.3712,
0.3475

■ 26.4612, 0.2151,
0.2779

■ 67.4391, 0.3701,
0.3512

■ 25.0671, 0.2101,
0.2708

■ 69.1592, 0.3691,
0.3548

■ 23.9437, 0.2068,
0.2644

■ 70.9190, 0.3681,
0.3585

Harmonies

Analogous

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



42.8996, 0.3001, 0.3315



42.8996, 0.2960, 0.3235



42.8996, 0.2963, 0.3171

Triad

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



42.8996, 0.2960, 0.3235



42.8996, 0.3178, 0.3194



42.8996, 0.3245, 0.3442

Complementary

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



42.8996, 0.2960, 0.3235



39.7843, 0.3314, 0.3344

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.



42.8996, 0.3294, 0.3407



42.8996, 0.2960, 0.3235



42.8996, 0.3255, 0.3264

Square

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



42.8996, 0.2960, 0.3235



42.8996, 0.3088, 0.3149



42.8996, 0.3297, 0.3341



42.8996, 0.3165, 0.3436

Rectangle

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



42.8996, 0.2960, 0.3235



42.8996, 0.2990, 0.3147



42.8996, 0.3297, 0.3341



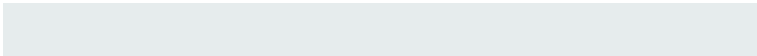
42.8996, 0.3266, 0.3435

Sweetspot

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



42.9014, 0.2960, 0.3235



82.7959, 0.3081, 0.3275



43.8630, 0.3085, 0.3519



18.1716, 0.3068, 0.3271



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.



42.9014, 0.2960, 0.3235



76.4758, 0.2927, 0.3223



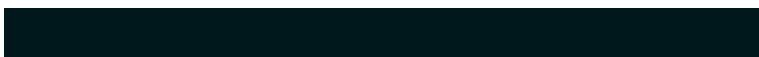
39.1617, 0.2958, 0.3099



9.9010, 0.2985, 0.3244



17.0063, 0.2070, 0.2652



0.6775, 0.2121, 0.2835

Inverse Universe

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



38.9763, 0.3174, 0.3075



68.1003, 0.3185, 0.3031



43.4574, 0.3298, 0.3474



9.1315, 0.3167, 0.3108



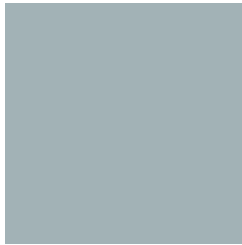
8.4991, 0.3773, 0.1852



0.3075, 0.3603, 0.1758

Previews

White Background



This preview shows how the Yxy color 42.8996, 0.2960, 0.3235 looks on a white background.

Color Contrast Check

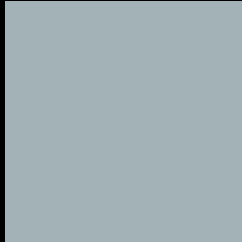
Large Text (above 18pt) WCAG AA × Fail

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 42.8996, 0.2960, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

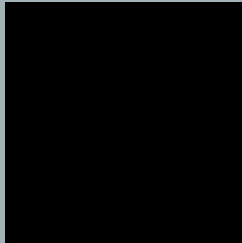
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

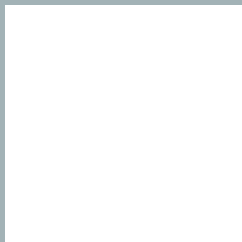
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8996, 0.2960, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 42.8996, 0.2960, 0.3235.



This preview shows how white text looks on a background with the Yxy color 42.8996, 0.2960, 0.3235.

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

42.8996, 0.2960, 0.3235

Protanopia

42.9145, 0.3104, 0.3210

Deuteranopia

42.9015, 0.3172, 0.3109



Tritanopia

42.9924, 0.2901, 0.3100

Trichromacy



Original Color

42.8996, 0.2960, 0.3235

Protanomaly

42.7668, 0.3053, 0.3209

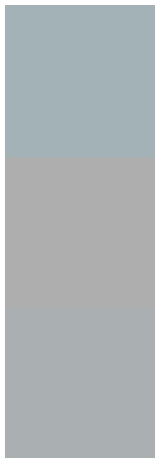
Deuteranomaly

42.8897, 0.3098, 0.3158

Tritanomaly

42.8617, 0.2923, 0.3140

Monochromacy



Original Color

42.8996, 0.2960, 0.3235

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3803, 0.3067, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8996, 0.2960, 0.3235 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, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(162, 178, 182)  
}
```

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, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 178, 182) }
```

Border

The CSS property to change the border of an element to Yxy 42.8996, 0.2960, 0.3235 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, 178, 182) }
```

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

```
.border{ border-color:rgb(162, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(162, 178,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8996, 0.2960, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 178, 182) }
```

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

```
.background{ background-color: rgb(162,  
178, 182) }
```

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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