

Converting Colors

$Yxy(43.4913, 0.2887, 0.3080)$

Have a look what the booklet for
Yxy(43.4913, 0.2887, 0.3080)
contains.

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Color

Yxy(43.4776, 0.2886, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	A3B2C1
RGB	163, 178, 193
RGB Percent	64%, 70%, 76%
CMY	0.3609, 0.3019, 0.2430
CMYK	0.16, 0.08, 0.00, 0.24
HSL	210°, 20%, 70%
HSV	210°, 16%, 76%
XYZ	40.6467, 43.4776, 56.7166
YIQ	175.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

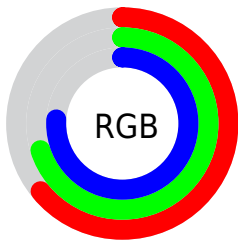
Format	Color
R_{YB}	163, 173, 193
Decimal	10728129
CIE Lab	71.88, -2.08, -9.41
CIE LCh	72, 9.635, 257.525
Yxy	43.4776, 0.2886, 0.3087
Android (android.graphics.Color)	4288918209 (0xFFA3B2C1)
YUV	175.2250, 8.7631, -10.7213
Hunter-Lab	65.9375, -5.3557, -4.8424

Details

The Yxy color $43.4776, 0.2886, 0.3087$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.8162, 0.3387, 0.3485$, and the grayscale version is $42.9500, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5906, 0.2933, 0.3133$, and $19.9108, 0.2821, 0.3028$ is the 20% darker color. If you saturate the color by 10%, you get $37.8925, 0.2725, 0.2938$, and if you desaturate by 10%, it is $49.6469, 0.3043, 0.3221$.

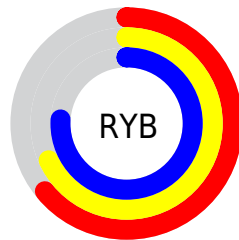
Distribution



Red (64%)

Green (70%)

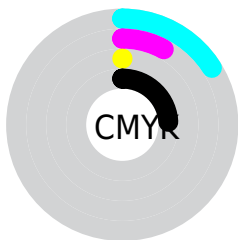
Blue (76%)



Red (64%)

Yellow (68%)

Blue (76%)

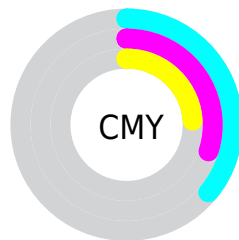


Cyan (16%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4776, 0.2886, 0.3087 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 43.4776, 0.2886, 0.3087 by changing the saturation by 10% instead.


 43.4776, 0.2886,
0.3087


 43.4776, 0.2886,
0.3087


360.5722, 0.3007,
0.3190

 30.2600, 0.2856,
0.3061


 80.4311, 0.2930,
0.3125

 20.0360, 0.2816,
0.3027


 104.9358, 0.2947,
0.3139

 12.4212, 0.2764,
0.2982


133.9716, 0.2961,
0.3151

 7.0312, 0.2690,
0.2918

167.9231, 0.2973,
0.3161

 3.4816, 0.2580,
0.2821

207.1744, 0.2983,
0.3170

 1.3881, 0.2397,
0.2657

252.1102, 0.2992,

 0.2079, 0.1185,

0.3177

0.1678

303.1146, 0.3000,
0.3184

0.0000, 0.0000,
0.0000

43.4776, 0.2886,
0.3087

43.4776, 0.2886,
0.3087

37.8925, 0.2725,
0.2938

49.6469, 0.3043,
0.3221

32.8667, 0.2562,
0.2775

56.4135, 0.3193,
0.3341

28.3811, 0.2402,
0.2600

63.7969, 0.3335,
0.3448

24.4135, 0.2249,
0.2414

71.8138, 0.3468,
0.3542

20.9395, 0.2107,
0.2221

79.6213, 0.3560,
0.3628

■ 17.9324, 0.1983,
0.2027

■ 85.0194, 0.3538,
0.3721

■ 15.3618, 0.1880,
0.1835

■ 90.7172, 0.3516,
0.3812

■ 13.1916, 0.1801,
0.1653

■ 96.6314, 0.3496,
0.3899

■ 12.3306, 0.1771,
0.1574

Harmonies

Analogous

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



43.4776, 0.2863, 0.3173



43.4776, 0.2886, 0.3087



43.4776, 0.2972, 0.3057

Triad

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



43.4776, 0.2886, 0.3087



43.4776, 0.3350, 0.3280



43.4776, 0.3148, 0.3506

Complementary

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



43.4776, 0.2886, 0.3087



45.8162, 0.3387, 0.3485

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.



43.4776, 0.3280, 0.3532



43.4776, 0.2886, 0.3087



43.4776, 0.3399, 0.3398

Square

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



43.4776, 0.2886, 0.3087



43.4776, 0.3240, 0.3167



43.4776, 0.3373, 0.3491



43.4776, 0.3012, 0.3418

Rectangle

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



43.4776, 0.2886, 0.3087



43.4776, 0.3056, 0.3070



43.4776, 0.3373, 0.3491



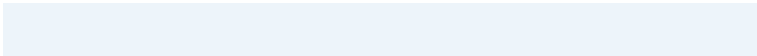
43.4776, 0.3194, 0.3522

Sweetspot

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



43.4794, 0.2886, 0.3087



89.4667, 0.3050, 0.3228



49.1284, 0.3003, 0.3499



19.0175, 0.3039, 0.3219



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.



43.4794, 0.2886, 0.3087



74.0046, 0.2826, 0.3033



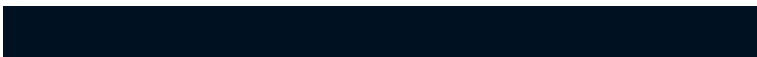
37.9937, 0.2878, 0.2885



10.5623, 0.2984, 0.3172



8.3588, 0.1777, 0.1597



0.4990, 0.1890, 0.2003

Inverse Universe

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



40.7371, 0.3278, 0.3096



68.2447, 0.3321, 0.3047



51.9145, 0.3359, 0.3665



10.1601, 0.3212, 0.3175



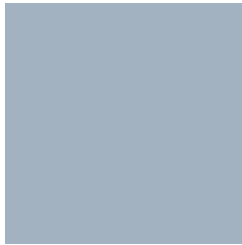
8.1261, 0.4935, 0.2492



0.3650, 0.4449, 0.2225

Previews

White Background



This preview shows how the Yxy color 43.4776, 0.2886, 0.3087 looks on a white background.

Color Contrast Check

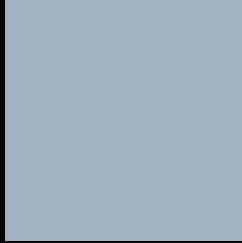
Large Text (above 18pt) WCAG AA × Fail

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 43.4776, 0.2886, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

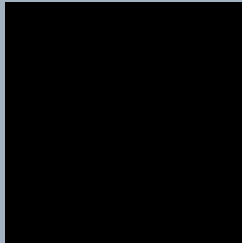
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

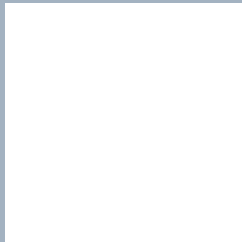
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4776, 0.2886, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 43.4776, 0.2886, 0.3087.



This preview shows how white text looks on a background with the Yxy color 43.4776, 0.2886, 0.3087.

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

43.4776, 0.2886, 0.3087

Protanopia

43.5355, 0.2999, 0.3079

Deuteranopia

43.2112, 0.3053, 0.2994



Tritanopia

43.4331, 0.2894, 0.3100

Trichromacy



Original Color

43.4776, 0.2886, 0.3087

Protanomaly

43.5144, 0.2958, 0.3077

Deuteranomaly

43.3973, 0.2984, 0.3028

Tritanomaly

43.4331, 0.2894, 0.3100

Monochromacy



Original Color

43.4776, 0.2886, 0.3087

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0860, 0.3036, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4776, 0.2886, 0.3087 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(163, 178, 193)` looks like.

```
.text, #text, p{  
    color:rgb(163, 178, 193)  
}
```

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(163, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 178, 193) }
```

Border

The CSS property to change the border of an element to Yxy 43.4776, 0.2886, 0.3087 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(163, 178, 193) }
```

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

```
.border{ border-color:rgb(163, 178, 193) }
```

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

Here you see how a box with a 4 pixel rgb(163, 178, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(163, 178,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4776, 0.2886, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 178, 193) }
```

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

```
.background{ background-color: rgb(163,  
178, 193) }
```

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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