

Converting Colors

$Yxy(44.6333, 0.2796, 0.3192)$

Have a look what the booklet for
Yxy(44.6333, 0.2796, 0.3192)
contains.

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Color

Yxy(44.4321, 0.2798, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	95B8BF
RGB	149, 184, 191
RGB Percent	58%, 72%, 75%
CMY	0.4154, 0.2785, 0.2509
CMYK	0.22, 0.04, 0.00, 0.25
HSL	190°, 25%, 67%
HSV	190°, 22%, 75%
XYZ	38.9477, 44.4321, 55.8185
YIQ	174.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

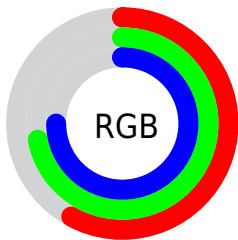
Format	Color
RYB	149, 168, 191
Decimal	9812159
CIELab	72.52, -10.16, -7.45
CIElCh	73, 12.598, 216.271
Yxy	44.4321, 0.2798, 0.3192
Android (android.graphics.Color)	4288002239 (0xFF95B8BF)
YUV	174.3330, 8.2168, -22.2170
Hunter-Lab	66.6574, -12.3535, -2.9889

Details

The Yxy color **44.4321, 0.2798, 0.3192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.0540, 0.3547, 0.3386**, and the grayscale version is **42.4800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8729, 0.2860, 0.3215**, and **20.6090, 0.2699, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **41.4682, 0.2658, 0.3141**, and if you desaturate by 10%, it is **47.7243, 0.2945, 0.3239**.

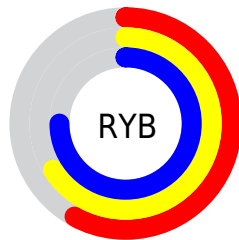
Distribution



Red (58%)

Green (72%)

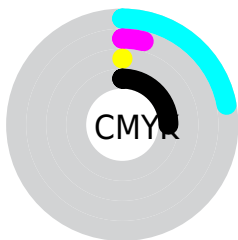
Blue (75%)



Red (58%)

Yellow (66%)

Blue (75%)

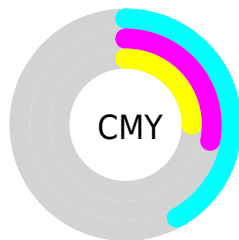


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4321, 0.2798, 0.3192 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 44.4321, 0.2798, 0.3192 by changing the saturation by 10% instead.

■ 44.4321, 0.2798,
0.3192

■ 44.4321, 0.2798,
0.3192

364.4687, 0.2962,
0.3243

■ 31.0104, 0.2757,
0.3178

■ 81.8676, 0.2858,
0.3211

■ 20.6067, 0.2705,
0.3161

■ 106.6501, 0.2880,
0.3218

■ 12.8368, 0.2635,
0.3136

135.9883, 0.2899,
0.3224

■ 7.3163, 0.2538,
0.3101

170.2666, 0.2915,
0.3229

■ 3.6607, 0.2394,
0.3045

209.8694, 0.2929,
0.3233

■ 1.4856, 0.2160,
0.2944

255.1810, 0.2942,

■ 0.2786, 0.0150,

0.3237

0.2488

306.5860, 0.2953,
0.3241

0.0000, 0.0000,
0.0000

44.4321, 0.2798,
0.3192

44.4321, 0.2798,
0.3192

41.4682, 0.2658,
0.3141

47.7243, 0.2945,
0.3239

38.8126, 0.2528,
0.3088

51.3530, 0.3097,
0.3282

36.4515, 0.2412,
0.3031

55.3327, 0.3251,
0.3321

34.3675, 0.2312,
0.2973

59.6754, 0.3403,
0.3356

32.5415, 0.2230,
0.2913

64.3926, 0.3554,
0.3387

■ 30.9513, 0.2166,
0.2853

■ 67.8140, 0.3630,
0.3417

■ 29.5708, 0.2122,
0.2794

■ 69.3412, 0.3622,
0.3450

■ 28.5729, 0.2096,
0.2746

■ 70.8997, 0.3614,
0.3483

■ 72.4897, 0.3606,
0.3515

Harmonies

Analogous

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



44.4321, 0.2887, 0.3357



44.4321, 0.2798, 0.3192



44.4321, 0.2794, 0.3060

Triad

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



44.4321, 0.2798, 0.3192



44.4321, 0.3207, 0.3086



44.4321, 0.3379, 0.3594

Complementary

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



44.4321, 0.2798, 0.3192



37.0540, 0.3547, 0.3386

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.



44.4321, 0.3471, 0.3510



44.4321, 0.2798, 0.3192



44.4321, 0.3371, 0.3219

Square

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



44.4321, 0.2798, 0.3192



44.4321, 0.3026, 0.3005



44.4321, 0.3468, 0.3372



44.4321, 0.3221, 0.3595

Rectangle

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



44.4321, 0.2798, 0.3192



44.4321, 0.2840, 0.3007



44.4321, 0.3468, 0.3372



44.4321, 0.3419, 0.3574

Sweetspot

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



44.4339, 0.2798, 0.3192



88.5398, 0.3019, 0.3260



46.0633, 0.3048, 0.3791



19.3559, 0.3009, 0.3258



97.7402, 0.3127, 0.3290



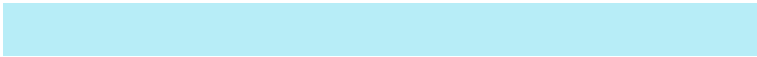
20.4902, 0.3127, 0.3290

Same Dimension

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



44.4339, 0.2798, 0.3192



77.1386, 0.2735, 0.3170



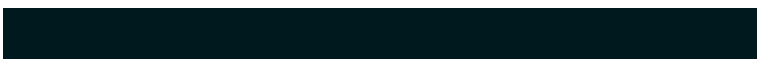
36.3675, 0.2776, 0.2892



10.5303, 0.2985, 0.3251



18.8773, 0.2098, 0.2754



0.8127, 0.2138, 0.2896

Inverse Universe

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



36.0523, 0.3218, 0.2837



59.8112, 0.3239, 0.2743



44.7045, 0.3490, 0.3659



9.6681, 0.3162, 0.3101



8.9354, 0.3677, 0.1799



0.3574, 0.3547, 0.1728

Previews

White Background



This preview shows how the Yxy color 44.4321, 0.2798, 0.3192 looks on a white background.

Color Contrast Check

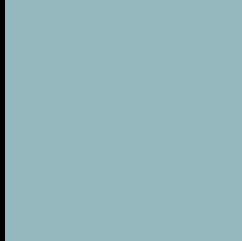
Large Text (above 18pt) WCAG AA × Fail

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 44.4321, 0.2798, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

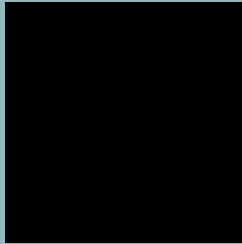
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

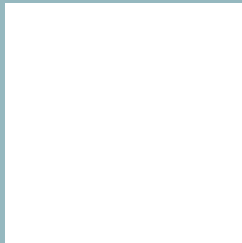
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4321, 0.2798, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 44.4321, 0.2798, 0.3192.



This preview shows how white text looks on a background with the Yxy color 44.4321, 0.2798, 0.3192.

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

44.4321, 0.2798, 0.3192

Protanopia

44.0608, 0.3064, 0.3158

Deuteranopia

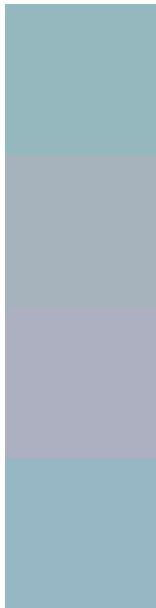
43.9201, 0.3087, 0.3022



Tritanopia

44.4282, 0.2756, 0.3084

Trichromacy



Original Color

44.4321, 0.2798, 0.3192

Protanomaly

44.0865, 0.2956, 0.3169

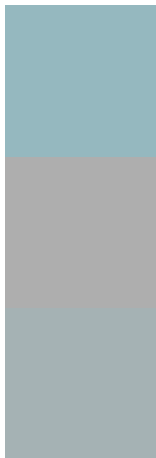
Deuteranomaly

43.7407, 0.2975, 0.3078

Tritanomaly

44.2911, 0.2777, 0.3124

Monochromacy



Original Color

44.4321, 0.2798, 0.3192

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.1354, 0.3001, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4321, 0.2798, 0.3192 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(149, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(149, 184, 191)  
}
```

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(149, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 184, 191) }
```

Border

The CSS property to change the border of an element to Yxy 44.4321, 0.2798, 0.3192 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(149, 184, 191) }
```

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

```
.border{ border-color:rgb(149, 184, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 184, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(149, 184,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4321, 0.2798, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 184, 191) }
```

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

```
.background{ background-color: rgb(149,  
184, 191) }
```

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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