

Converting Colors

$Yxy(44.7118, 0.2789, 0.3220)$

Have a look what the booklet for
Yxy(44.7118, 0.2789, 0.3220)
contains.

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Color

Yxy(44.6187, 0.2791, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	93B9BE
RGB	147, 185, 190
RGB Percent	58%, 73%, 75%
CMY	0.4235, 0.2745, 0.2550
CMYK	0.23, 0.03, 0.00, 0.25
HSL	187°, 25%, 66%
HSV	187°, 23%, 75%
XYZ	38.6742, 44.6187, 55.2745
YIQ	174.2080, -24.2530, -6.5010

Conversions

Conversions Part 2

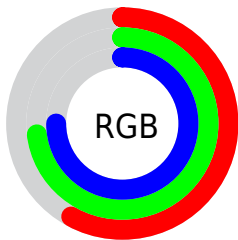
Format	Color
RYB	147, 167, 190
Decimal	9681342
CIELab	72.64, -11.56, -6.72
CIElCh	73, 13.372, 210.159
Yxy	44.6187, 0.2791, 0.3220
Android (android.graphics.Color)	4287871422 (0xFF93B9BE)
YUV	174.2080, 7.7855, -23.8614
Hunter-Lab	66.7972, -13.5475, -2.3043

Details

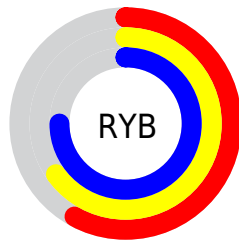
The Yxy color **44.6187, 0.2791, 0.3220** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.4996, 0.3569, 0.3359**, and the grayscale version is **42.4092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1210, 0.2855, 0.3236**, and **20.7416, 0.2691, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **42.0944, 0.2655, 0.3185**, and if you desaturate by 10%, it is **47.4509, 0.2936, 0.3253**.

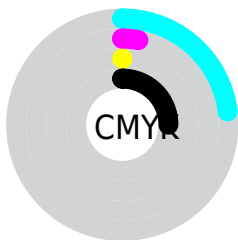
Distribution



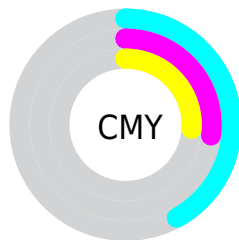
- Red (58%)
- Green (73%)
- Blue (75%)



- Red (58%)
- Yellow (65%)
- Blue (75%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6187, 0.2791, 0.3220 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 44.6187, 0.2791, 0.3220 by changing the saturation by 10% instead.

■ 44.6187, 0.2791,
0.3220

■ 44.6187, 0.2791,
0.3220

365.2271, 0.2959,
0.3257

■ 31.1572, 0.2749,
0.3210

■ 82.1479, 0.2852,
0.3234

■ 20.7186, 0.2696,
0.3197

■ 106.9845, 0.2875,
0.3239

■ 12.9184, 0.2625,
0.3178

136.3814, 0.2894,
0.3244

■ 7.3724, 0.2526,
0.3151

170.7233, 0.2911,
0.3247

■ 3.6961, 0.2380,
0.3107

210.3944, 0.2925,
0.3250

■ 1.5050, 0.2142,
0.3027

255.7791, 0.2938,

■ 0.2923, 0.0000,

0.3253

0.2706

307.2619, 0.2949,
0.3255

0.0000, 0.0000,
0.0000

44.6187, 0.2791,
0.3220

44.6187, 0.2791,
0.3220

42.0944, 0.2655,
0.3185

47.4509, 0.2936,
0.3253

39.8582, 0.2531,
0.3148

50.5988, 0.3087,
0.3283

37.8965, 0.2422,
0.3110

54.0768, 0.3241,
0.3310

36.1922, 0.2329,
0.3070

57.8966, 0.3396,
0.3334

34.7264, 0.2255,
0.3030

62.0694, 0.3550,
0.3356

■ 33.4773, 0.2200,
0.2990

■ 65.4518, 0.3651,
0.3377

■ 32.4187, 0.2164,
0.2950

■ 66.4649, 0.3646,
0.3399

■ 31.7225, 0.2145,
0.2921

■ 67.4927, 0.3640,
0.3422

■ 68.5352, 0.3634,
0.3445

Harmonies

Analogous

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



44.6187, 0.2901, 0.3397



44.6187, 0.2791, 0.3220



44.6187, 0.2768, 0.3070

Triad

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



44.6187, 0.2791, 0.3220



44.6187, 0.3173, 0.3052



44.6187, 0.3421, 0.3600

Complementary

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



44.6187, 0.2791, 0.3220



35.4996, 0.3569, 0.3359

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.



44.6187, 0.3500, 0.3496



44.6187, 0.2791, 0.3220



44.6187, 0.3354, 0.3183

Square

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



44.6187, 0.2791, 0.3220



44.6187, 0.2984, 0.2979



44.6187, 0.3475, 0.3344



44.6187, 0.3264, 0.3622

Rectangle

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



44.6187, 0.2791, 0.3220



44.6187, 0.2804, 0.3004



44.6187, 0.3475, 0.3344



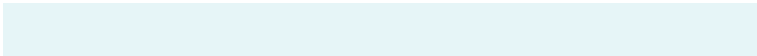
44.6187, 0.3458, 0.3573

Sweetspot

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



44.6205, 0.2791, 0.3220



89.0810, 0.3019, 0.3269



45.2643, 0.3067, 0.3850



19.4848, 0.3009, 0.3268



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.



44.6205, 0.2791, 0.3220



78.6080, 0.2724, 0.3203



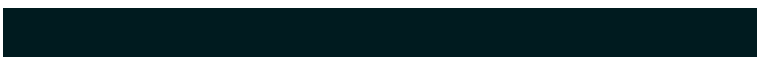
36.5407, 0.2769, 0.2921



10.6160, 0.2985, 0.3263



21.1736, 0.2146, 0.2926



0.8835, 0.2172, 0.3021

Inverse Universe

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



35.3164, 0.3200, 0.2796



58.9782, 0.3218, 0.2688



42.8567, 0.3510, 0.3633



9.6768, 0.3155, 0.3090



9.1672, 0.3520, 0.1713



0.3645, 0.3436, 0.1666

Previews

White Background



This preview shows how the Yxy color 44.6187, 0.2791, 0.3220 looks on a white background.

Color Contrast Check

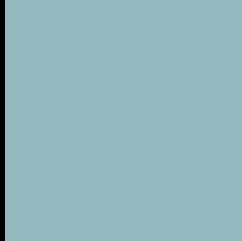
Large Text (above 18pt) WCAG AA × Fail

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 44.6187, 0.2791, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

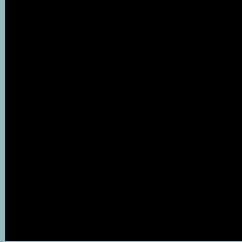
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

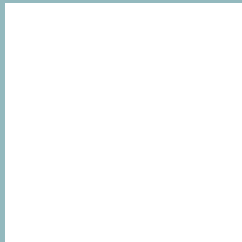
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6187, 0.2791, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 44.6187, 0.2791, 0.3220.

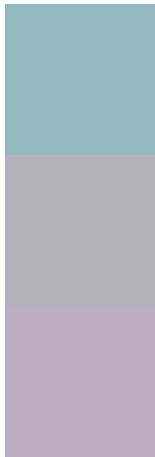


This preview shows how white text looks on a background with the Yxy color 44.6187, 0.2791, 0.3220.

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

44.6187, 0.2791, 0.3220

Protanopia

44.5308, 0.3080, 0.3185

Deuteranopia

44.4288, 0.3095, 0.3035



Tritanopia

44.7478, 0.2750, 0.3098

Trichromacy



Original Color

44.6187, 0.2791, 0.3220

Protanomaly

44.4459, 0.2964, 0.3195

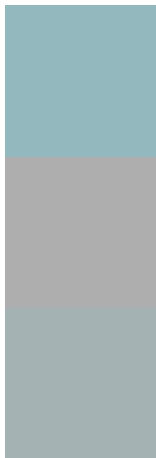
Deuteranomaly

44.1343, 0.2975, 0.3092

Tritanomaly

44.5170, 0.2763, 0.3138

Monochromacy



Original Color

44.6187, 0.2791, 0.3220

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0286, 0.2992, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6187, 0.2791, 0.3220 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(147, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(147, 185, 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(147, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 185, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.6187, 0.2791, 0.3220 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(147, 185, 190) }
```

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

```
.border{ border-color:rgb(147, 185, 190) }
```

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

Here you see how a box with a 4 pixel rgb(147, 185, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(147, 185,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6187, 0.2791, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 185, 190) }
```

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

```
.background{ background-color: rgb(147,  
185, 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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