

Converting Colors

$Yxy(47.1378, 0.2771, 0.3218)$

Have a look what the booklet for
Yxy(47.1378, 0.2771, 0.3218)
contains.

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Color

Yxy(47.0629, 0.2770, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	94BEC3
RGB	148, 190, 195
RGB Percent	58%, 75%, 76%
CMY	0.4197, 0.2549, 0.2353
CMYK	0.24, 0.03, 0.00, 0.24
HSL	186°, 28%, 67%
HSV	186°, 24%, 76%
XYZ	40.4732, 47.0629, 58.5766
YIQ	178.0120, -26.6370, -7.3490

Conversions

Conversions Part 2

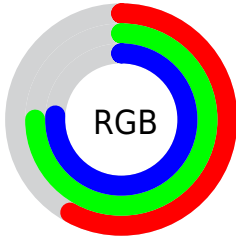
Format	Color
RYB	148, 170, 195
Decimal	9748163
CIELab	74.23, -12.76, -7.09
CIElCh	74, 14.595, 209.074
Yxy	47.0629, 0.2770, 0.3221
Android (android.graphics.Color)	4287938243 (0xFF94BEC3)
YUV	178.0120, 8.3751, -26.3205
Hunter-Lab	68.6024, -14.7449, -2.6034

Details

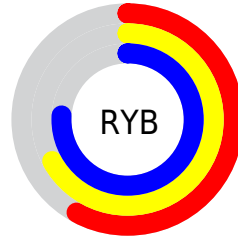
The Yxy color $47.0629, 0.2770, 0.3221$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $36.5110, 0.3608, 0.3358$, and the grayscale version is $44.4919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6363, 0.2831, 0.3226$, and $22.3012, 0.2677, 0.3213$ is the 20% darker color. If you saturate the color by 10%, you get $44.5077, 0.2636, 0.3189$, and if you desaturate by 10%, it is $49.9409, 0.2914, 0.3251$.

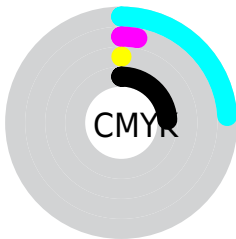
Distribution



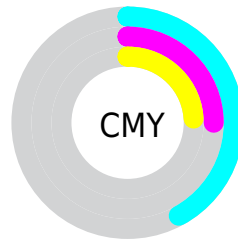
- Red (58%)
- Green (75%)
- Blue (76%)



- Red (58%)
- Yellow (67%)
- Blue (76%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)




- Cyan (42%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0629, 0.2770, 0.3221 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 47.0629, 0.2770, 0.3221 by changing the saturation by 10% instead.


 47.0629, 0.2770,
0.3221

 47.0629, 0.2770,
0.3221


375.0655, 0.2946,
0.3258

 33.0854, 0.2727,
0.3211


 85.8075, 0.2834,
0.3235

 22.1919, 0.2671,
0.3198


 111.3434, 0.2858,
0.3240

 13.9979, 0.2598,
0.3180


141.5008, 0.2878,
0.3244

 8.1192, 0.2498,
0.3154

176.6643, 0.2896,
0.3248

 4.1713, 0.2352,
0.3111

217.2180, 0.2911,
0.3251

 1.7699, 0.2118,
0.3036

263.5466, 0.2924,

 0.4683, 0.0831,

0.3253

0.2912

316.0343, 0.2936,
0.3256

0.0000, 0.0000,
0.0000

47.0629, 0.2770,
0.3221

47.0629, 0.2770,
0.3221

44.5077, 0.2636,
0.3189

49.9409, 0.2914,
0.3251

42.2542, 0.2515,
0.3155

53.1503, 0.3064,
0.3279

40.2877, 0.2409,
0.3119

56.7065, 0.3218,
0.3305

38.5896, 0.2320,
0.3083

60.6220, 0.3374,
0.3328

37.1393, 0.2251,
0.3046

64.9090, 0.3529,
0.3348

■ 35.9131, 0.2200,
0.3009

■ 67.6367, 0.3601,
0.3368

■ 34.8821, 0.2167,
0.2973

■ 68.6163, 0.3596,
0.3389

■ 34.3337, 0.2153,
0.2952

■ 69.6090, 0.3591,
0.3410

■ 70.6148, 0.3586,
0.3432

Harmonies

Analogous

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



47.0629, 0.2891, 0.3411



47.0629, 0.2770, 0.3221



47.0629, 0.2742, 0.3058

Triad

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



47.0629, 0.2770, 0.3221



47.0629, 0.3168, 0.3031



47.0629, 0.3447, 0.3620

Complementary

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



47.0629, 0.2770, 0.3221



36.5110, 0.3608, 0.3358

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.



47.0629, 0.3528, 0.3505



47.0629, 0.2770, 0.3221



47.0629, 0.3364, 0.3169

Square

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



47.0629, 0.2770, 0.3221



47.0629, 0.2966, 0.2956



47.0629, 0.3498, 0.3340



47.0629, 0.3280, 0.3647

Rectangle

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



47.0629, 0.2770, 0.3221



47.0629, 0.2778, 0.2986



47.0629, 0.3498, 0.3340



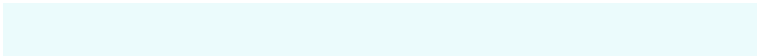
47.0629, 0.3485, 0.3590

Sweetspot

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



47.0648, 0.2770, 0.3221



93.4110, 0.3018, 0.3271



47.6115, 0.3063, 0.3894



20.3770, 0.3009, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



47.0648, 0.2770, 0.3221



81.7839, 0.2697, 0.3204



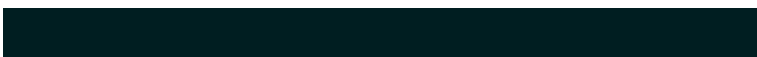
37.7937, 0.2743, 0.2892



11.2400, 0.2984, 0.3265



22.3902, 0.2155, 0.2957



1.0208, 0.2177, 0.3037

Inverse Universe

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



36.4938, 0.3201, 0.2756



59.6892, 0.3220, 0.2636



44.8640, 0.3539, 0.3658



10.2285, 0.3153, 0.3087



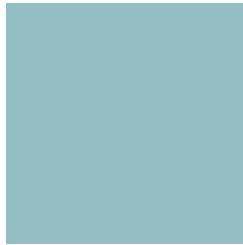
9.5425, 0.3492, 0.1698



0.4177, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 47.0629, 0.2770, 0.3221 looks on a white background.

Color Contrast Check

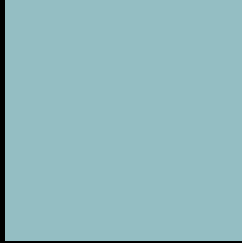
Large Text (above 18pt) WCAG AA × Fail

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 47.0629, 0.2770, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

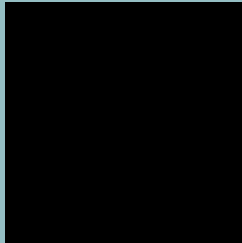
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

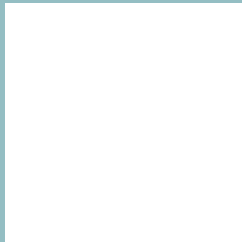
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0629, 0.2770, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 47.0629, 0.2770, 0.3221.

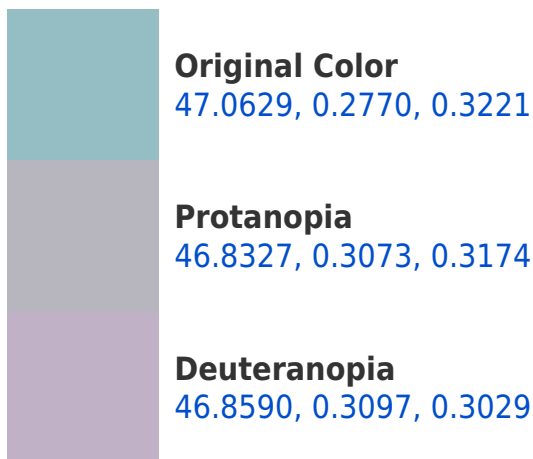


This preview shows how white text looks on a background with the Yxy color 47.0629, 0.2770, 0.3221.

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





Tritanopia

47.2389, 0.2724, 0.3088

Trichromacy



Original Color

47.0629, 0.2770, 0.3221

Protanomaly

46.6328, 0.2952, 0.3184

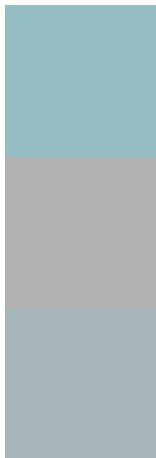
Deuteranomaly

46.8342, 0.2971, 0.3096

Tritanomaly

47.0018, 0.2737, 0.3127

Monochromacy



Original Color

47.0629, 0.2770, 0.3221

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.1321, 0.2987, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0629, 0.2770, 0.3221 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(148, 190, 195)` looks like.

```
.text, #text, p{  
    color:rgb(148, 190, 195)  
}
```

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(148, 190, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 190, 195) }
```

Border

The CSS property to change the border of an element to Yxy 47.0629, 0.2770, 0.3221 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(148, 190, 195) }
```

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

```
.border{ border-color:rgb(148, 190, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 190, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 190, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 190, 195);  
box-shadow:4px 4px 4px 4px rgb(148, 190,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0629, 0.2770, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 190, 195) }
```

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

```
.background{ background-color: rgb(148,  
190, 195) }
```

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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