

Converting Colors

$Yxy(47.7264, 0.2921, 0.3240)$

Have a look what the booklet for
Yxy(47.7264, 0.2921, 0.3240)
contains.

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Color

Yxy(47.7715, 0.2914, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	A5BCC0
RGB	165, 188, 192
RGB Percent	65%, 74%, 75%
CMY	0.3529, 0.2627, 0.2470
CMYK	0.14, 0.02, 0.00, 0.25
HSL	189°, 18%, 70%
HSV	189°, 14%, 75%
XYZ	43.0180, 47.7715, 56.8357
YIQ	181.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

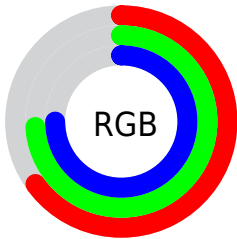
Format	Color
RYB	165, 177, 192
Decimal	10861760
CIELab	74.68, -6.97, -4.69
CIELCh	75, 8.403, 213.908
Yxy	47.7715, 0.2914, 0.3236
Android (android.graphics.Color)	4289051840 (0xFFA5BCC0)
YUV	181.5790, 5.1376, -14.5398
Hunter-Lab	69.1169, -9.8573, -0.3730

Details

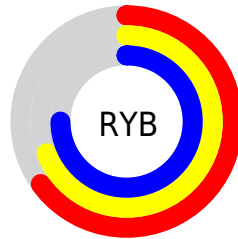
The Yxy color **47.7715, 0.2914, 0.3236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3153, 0.3376, 0.3343**, and the grayscale version is **46.5184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6943, 0.2953, 0.3248**, and **22.7027, 0.2853, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **44.6563, 0.2769, 0.3194**, and if you desaturate by 10%, it is **51.2240, 0.3065, 0.3275**.

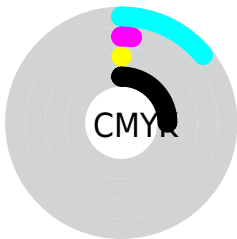
Distribution



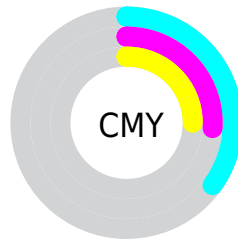
- Red (65%)
- Green (74%)
- Blue (75%)



- Red (65%)
- Yellow (69%)
- Blue (75%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)





- Cyan (35%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7715, 0.2914, 0.3236 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 47.7715, 0.2914, 0.3236 by changing the saturation by 10% instead.


 47.7715, 0.2914,
0.3236


 47.7715, 0.2914,
0.3236


377.8857, 0.3020,
0.3264

 33.6460, 0.2888,
0.3229


 86.8641, 0.2952,
0.3246

 22.6218, 0.2855,
0.3220


 112.5999, 0.2967,
0.3250

 14.3145, 0.2811,
0.3207


142.9747, 0.2979,
0.3253

 8.3397, 0.2750,
0.3189

178.3727, 0.2989,
0.3256

 4.3131, 0.2660,
0.3161

219.1785, 0.2998,
0.3258

 1.8502, 0.2515,
0.3113

265.7763, 0.3006,

 0.5182, 0.1860,

0.3260

0.2991

318.5505, 0.3013,
0.3262

0.0000, 0.0000,
0.0000

47.7715, 0.2914,
0.3236

47.7715, 0.2914,
0.3236

44.6563, 0.2769,
0.3194

51.2240, 0.3065,
0.3275

41.8587, 0.2632,
0.3148

55.0210, 0.3218,
0.3311

39.3656, 0.2506,
0.3100

59.1766, 0.3372,
0.3343

37.1610, 0.2396,
0.3049

63.7026, 0.3524,
0.3371

35.2270, 0.2301,
0.2997

67.4499, 0.3624,
0.3398

■ 33.5437, 0.2226,
0.2945

■ 68.8074, 0.3617,
0.3427

■ 32.0881, 0.2169,
0.2892

■ 70.1900, 0.3610,
0.3456

■ 30.8325, 0.2131,
0.2840

■ 71.5977, 0.3603,
0.3485

■ 30.1499, 0.2114,
0.2809

■ 73.0307, 0.3597,
0.3514

Harmonies

Analogous

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



47.7715, 0.2977, 0.3343



47.7715, 0.2914, 0.3236



47.7715, 0.2907, 0.3147

Triad

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



47.7715, 0.2914, 0.3236



47.7715, 0.3171, 0.3150



47.7715, 0.3298, 0.3485

Complementary

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



47.7715, 0.2914, 0.3236



42.3153, 0.3376, 0.3343

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.



47.7715, 0.3352, 0.3429



47.7715, 0.2914, 0.3236



47.7715, 0.3278, 0.3236

Square

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



47.7715, 0.2914, 0.3236



47.7715, 0.3053, 0.3100



47.7715, 0.3345, 0.3338



47.7715, 0.3198, 0.3489

Rectangle

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



47.7715, 0.2914, 0.3236



47.7715, 0.2934, 0.3109



47.7715, 0.3345, 0.3338



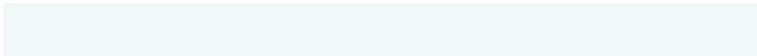
47.7715, 0.3322, 0.3472

Sweetspot

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



47.7735, 0.2914, 0.3236



92.7921, 0.3065, 0.3275



48.5601, 0.3083, 0.3608



19.8005, 0.3053, 0.3272



97.7402, 0.3127, 0.3290



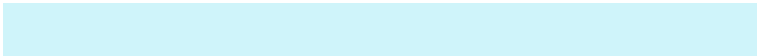
20.4902, 0.3127, 0.3290

Same Dimension

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



47.7735, 0.2914, 0.3236



84.6651, 0.2867, 0.3223



42.4342, 0.2908, 0.3059



11.1645, 0.2984, 0.3255



20.3722, 0.2115, 0.2815



0.9512, 0.2148, 0.2931

Inverse Universe

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



41.7544, 0.3178, 0.2997



71.6391, 0.3191, 0.2928



47.4311, 0.3352, 0.3511



10.2209, 0.3160, 0.3096



9.3388, 0.3621, 0.1768



0.4107, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 47.7715, 0.2914, 0.3236 looks on a white background.

Color Contrast Check

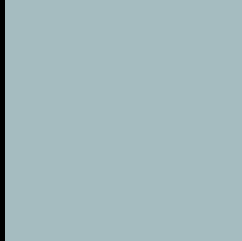
Large Text (above 18pt) WCAG AA × Fail

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 47.7715, 0.2914, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

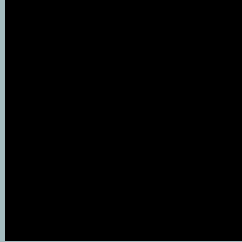
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

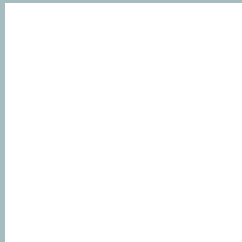
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7715, 0.2914, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 47.7715, 0.2914, 0.3236.



This preview shows how white text looks on a background with the Yxy color 47.7715, 0.2914, 0.3236.

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

47.7715, 0.2914, 0.3236

Protanopia

47.4443, 0.3098, 0.3200

Deuteranopia

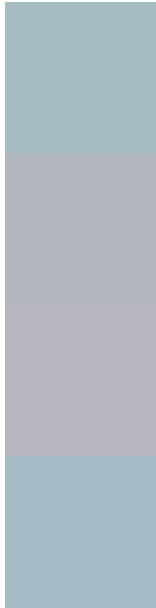
47.4716, 0.3154, 0.3092



Tritanopia

47.9732, 0.2866, 0.3107

Trichromacy



Original Color

47.7715, 0.2914, 0.3236

Protanomaly

47.4637, 0.3031, 0.3212

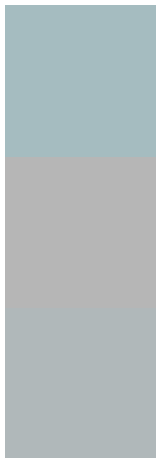
Deuteranomaly

47.6204, 0.3067, 0.3150

Tritanomaly

47.7249, 0.2879, 0.3145

Monochromacy



Original Color

47.7715, 0.2914, 0.3236

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0563, 0.3045, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7715, 0.2914, 0.3236 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(165, 188, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 188, 192)  
}
```

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(165, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 188, 192) }
```

Border

The CSS property to change the border of an element to Yxy 47.7715, 0.2914, 0.3236 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(165, 188, 192) }
```

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

```
.border{ border-color:rgb(165, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 188,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7715, 0.2914, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 188, 192) }
```

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

```
.background{ background-color: rgb(165,  
188, 192) }
```

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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