

Converting Colors

$Y_{xy}(48.3969, 0.2919, 0.3325)$

Have a look what the booklet for
Yxy(48.3969, 0.2919, 0.3325)
contains.

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Color

Yxy(48.5738, 0.2921, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	A2BFBC
RGB	162, 191, 188
RGB Percent	64%, 75%, 74%
CMY	0.3646, 0.2510, 0.2629
CMYK	0.15, 0.00, 0.02, 0.25
HSL	174°, 18%, 69%
HSV	174°, 15%, 75%
XYZ	42.6078, 48.5738, 54.6856
YIQ	181.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

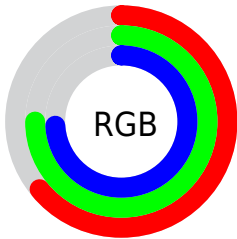
Format	Color
RYB	162, 177, 191
Decimal	10665916
CIELab	75.19, -10.37, -1.76
CIELCh	75, 10.523, 189.633
Yxy	48.5738, 0.2921, 0.3330
Android (android.graphics.Color)	4288855996 (0xFFA2BFBC)
YUV	181.9870, 2.9644, -17.5286
Hunter-Lab	69.6949, -12.8405, 2.2649

Details

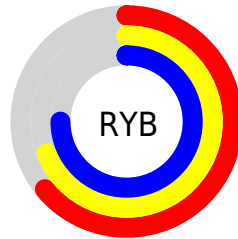
The Yxy color **48.5738, 0.2921, 0.3330** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6436, 0.3379, 0.3251**, and the grayscale version is **46.7636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8049, 0.2958, 0.3321**, and **23.2412, 0.2862, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **46.6390, 0.2795, 0.3359**, and if you desaturate by 10%, it is **50.8176, 0.3055, 0.3303**.

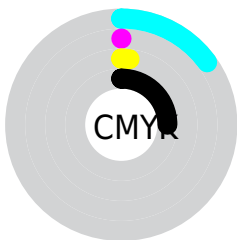
Distribution



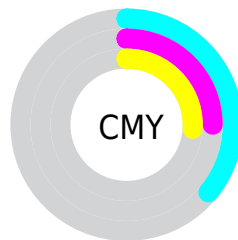
- Red (64%)
- Green (75%)
- Blue (74%)



- Red (64%)
- Yellow (69%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)




- Cyan (36%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5738, 0.2921, 0.3330 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 48.5738, 0.2921, 0.3330 by changing the saturation by 10% instead.


 48.5738, 0.2921,
0.3330


 48.5738, 0.2921,
0.3330

381.0620, 0.3023,
0.3311

 34.2815, 0.2896,
0.3335


 88.0581, 0.2958,
0.3323

 23.1099, 0.2864,
0.3340


 114.0189, 0.2972,
0.3321

 14.6747, 0.2821,
0.3348


144.6381, 0.2984,
0.3318

 8.5914, 0.2762,
0.3358

180.2999, 0.2994,
0.3316

 4.4757, 0.2676,
0.3372

221.3888, 0.3002,
0.3315

 1.9430, 0.2535,
0.3394

268.2892, 0.3010,

 0.5741, 0.1811,

0.3313

0.3555

321.3855, 0.3017,
0.3312

0.0000, 0.0000,
0.0000

48.5738, 0.2921,
0.3330

48.5738, 0.2921,
0.3330

46.6390, 0.2795,
0.3359

50.8176, 0.3055,
0.3303

44.9936, 0.2680,
0.3391

53.3773, 0.3195,
0.3278

43.6248, 0.2579,
0.3424

56.2669, 0.3338,
0.3256

42.5167, 0.2495,
0.3459

59.4977, 0.3481,
0.3237

41.6516, 0.2428,
0.3494

62.5992, 0.3603,
0.3219

■ 41.0097, 0.2381,
0.3530

■ 62.6923, 0.3586,
0.3198

■ 40.5681, 0.2352,
0.3566

■ 62.7866, 0.3570,
0.3178

■ 40.2986, 0.2341,
0.3602

■ 62.8821, 0.3553,
0.3157

■ 40.2022, 0.2339,
0.3619

■ 62.9788, 0.3537,
0.3137

Harmonies

Analogous

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



48.5738, 0.3042, 0.3454



48.5738, 0.2921, 0.3330



48.5738, 0.2855, 0.3198

Triad

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



48.5738, 0.2921, 0.3330



48.5738, 0.3062, 0.3062



48.5738, 0.3401, 0.3480

Complementary

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



48.5738, 0.2921, 0.3330



39.6436, 0.3379, 0.3251

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.



48.5738, 0.3407, 0.3372



48.5738, 0.2921, 0.3330



48.5738, 0.3209, 0.3134

Square

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



48.5738, 0.2921, 0.3330



48.5738, 0.2935, 0.3047



48.5738, 0.3336, 0.3246



48.5738, 0.3320, 0.3540

Rectangle

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



48.5738, 0.2921, 0.3330



48.5738, 0.2850, 0.3124



48.5738, 0.3336, 0.3246



48.5738, 0.3412, 0.3448

Sweetspot

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



48.5758, 0.2921, 0.3330



91.0521, 0.3057, 0.3303



47.9149, 0.3136, 0.3687



19.9273, 0.3047, 0.3305



97.7402, 0.3127, 0.3290



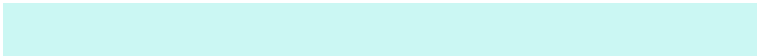
20.4902, 0.3127, 0.3290

Same Dimension

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



48.5758, 0.2921, 0.3330



85.8598, 0.2881, 0.3339



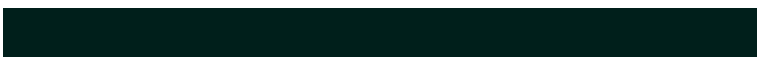
44.0448, 0.2894, 0.3139



10.7918, 0.2998, 0.3314



26.4264, 0.2337, 0.3614



1.0402, 0.2314, 0.3529

Inverse Universe

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



39.6436, 0.3379, 0.3251



66.9974, 0.3442, 0.3242



43.6235, 0.3386, 0.3436



9.5522, 0.3272, 0.3266



7.3184, 0.6260, 0.3222



0.2922, 0.5815, 0.2977

Previews

White Background



This preview shows how the Yxy color 48.5738, 0.2921, 0.3330 looks on a white background.

Color Contrast Check

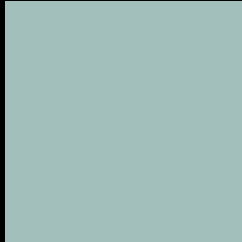
Large Text (above 18pt) WCAG AA × Fail

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 48.5738, 0.2921, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

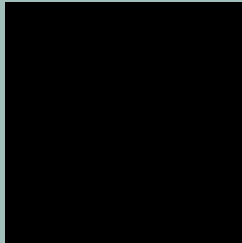
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

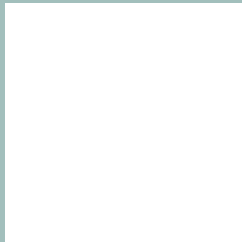
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5738, 0.2921, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 48.5738, 0.2921, 0.3330.

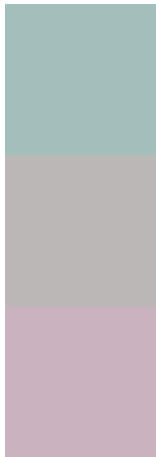


This preview shows how white text looks on a background with the Yxy color 48.5738, 0.2921, 0.3330.

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

48.5738, 0.2921, 0.3330

Protanopia

48.4330, 0.3161, 0.3290

Deuteranopia

48.2373, 0.3220, 0.3155



Tritanopia

48.7542, 0.2832, 0.3094

Trichromacy



Original Color

48.5738, 0.2921, 0.3330

Protanomaly

48.6271, 0.3077, 0.3316

Deuteranomaly

47.9802, 0.3106, 0.3213

Tritanomaly

48.7966, 0.2866, 0.3184

Monochromacy



Original Color

48.5738, 0.2921, 0.3330

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2726, 0.3052, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5738, 0.2921, 0.3330 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(162, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(162, 191, 188)  
}
```

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(162, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 191, 188) }
```

Border

The CSS property to change the border of an element to Yxy 48.5738, 0.2921, 0.3330 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(162, 191, 188) }
```

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

```
.border{ border-color:rgb(162, 191, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 191, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 191, 188);  
box-shadow:4px 4px 4px 4px rgb(162, 191,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5738, 0.2921, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 191, 188) }
```

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

```
.background{ background-color: rgb(162,  
191, 188) }
```

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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