

Converting Colors

$Yxy(72.0653, 0.2914, 0.3879)$

Have a look what the booklet for
Yxy(72.0653, 0.2914, 0.3879)
contains.

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Color

Yxy(72.3404, 0.2915, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	A0EEBE
RGB	160, 238, 190
RGB Percent	63%, 93%, 75%
CMY	0.3723, 0.0667, 0.2548
CMYK	0.33, 0.00, 0.20, 0.07
HSL	143°, 70%, 78%
HSV	143°, 33%, 93%
XYZ	54.3766, 72.3404, 59.8235
YIQ	209.2060, -31.0800, -31.4640

Conversions

Conversions Part 2

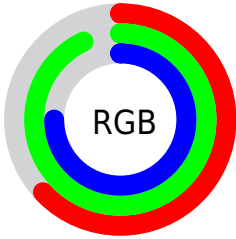
Format	Color
RYB	160, 216, 238
Decimal	10546878
CIELab	88.13, -33.77, 15.73
CIELCh	88, 37.254, 155.023
Yxy	72.3404, 0.2915, 0.3878
Android (android.graphics.Color)	4288736958 (0xFFA0EEBE)
YUV	209.2060, -9.4686, -43.1537
Hunter-Lab	85.0532, -34.7236, 17.8346

Details

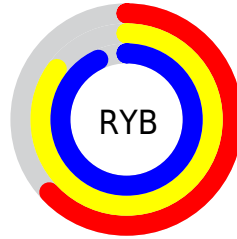
The Yxy color **72.3404, 0.2915, 0.3878** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **47.8944, 0.3425, 0.2769**, and the grayscale version is **63.9908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9255, 0.2948, 0.3382**, and **38.3262, 0.2857, 0.4028** is the 20% darker color. If you saturate the color by 10%, you get **69.5108, 0.2861, 0.4097**, and if you desaturate by 10%, it is **75.7099, 0.2976, 0.3677**.

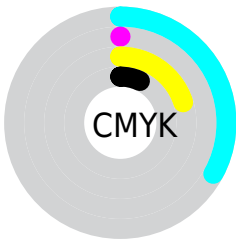
Distribution



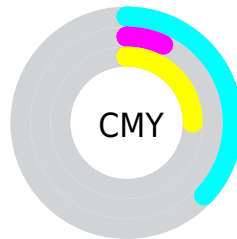
- Red (63%)
- Green (93%)
- Blue (75%)



- Red (63%)
- Yellow (85%)
- Blue (93%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)




- Cyan (37%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3404, 0.2915, 0.3878 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 72.3404, 0.2915, 0.3878 by changing the saturation by 10% instead.


 72.3404, 0.2915,
0.3878


 72.3404, 0.2915,
0.3878

468.7255, 0.3019,
0.3594

 53.4368, 0.2890,
0.3946

 122.5404, 0.2952,
0.3777

 38.1516, 0.2858,
0.4031


 154.6055, 0.2966,
0.3738

 26.1004, 0.2816,
0.4142


191.8266, 0.2978,
0.3706

 16.8987, 0.2759,
0.4292

234.5881, 0.2989,
0.3677

 10.1623, 0.2678,
0.4504

283.2743, 0.2998,
0.3652

 5.5067, 0.2552,
0.4825

338.2697, 0.3006,

 2.5475, 0.2333,

0.3631

399.9587, 0.3013,
0.3611

0.5368

0.9004, 0.0336,
0.9664

0.0000, 0.0000,
0.0000

72.3404, 0.2915,
0.3878

72.3404, 0.2915,
0.3878

69.5108, 0.2861,
0.4097

75.7099, 0.2976,
0.3677

67.1834, 0.2818,
0.4330

79.6369, 0.3041,
0.3494

65.3297, 0.2789,
0.4571

84.1491, 0.3109,
0.3331

63.9142, 0.2776,
0.4813

89.2208, 0.3174,
0.3187

■ 62.8966, 0.2783,
0.5046

■ 89.6248, 0.3135,
0.3127

■ 62.2282, 0.2807,
0.5260

■ 61.9087, 0.2833,
0.5400

Harmonies

Analogous

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



72.3404, 0.3360, 0.4092



72.3404, 0.2915, 0.3878



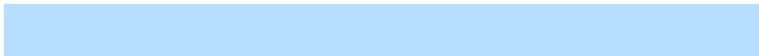
72.3404, 0.2545, 0.3469

Triad

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



72.3404, 0.2915, 0.3878



72.3404, 0.2501, 0.2574



72.3404, 0.3989, 0.3446

Complementary

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



72.3404, 0.2915, 0.3878



47.8944, 0.3425, 0.2769

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.



72.3404, 0.3727, 0.3089



72.3404, 0.2915, 0.3878



72.3404, 0.2849, 0.2607

Square

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



72.3404, 0.2915, 0.3878



72.3404, 0.2321, 0.2717



72.3404, 0.3298, 0.2791



72.3404, 0.3997, 0.3793

Rectangle

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



72.3404, 0.2915, 0.3878



72.3404, 0.2384, 0.3171



72.3404, 0.3298, 0.2791



72.3404, 0.3928, 0.3324

Sweetspot

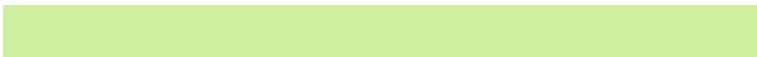
The Sweet Spot groups the original color and five complimentary colors.



72.3434, 0.2915, 0.3878



94.5103, 0.3060, 0.3448



77.1122, 0.3405, 0.4170



20.0761, 0.3050, 0.3472



0.0000, 0.0000, 0.0000



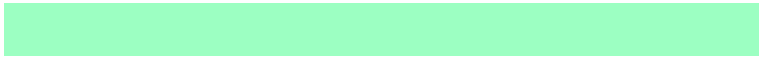
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3434, 0.2915, 0.3878



82.4284, 0.2880, 0.4016



74.2763, 0.2707, 0.3395



17.7570, 0.3063, 0.3439



34.5646, 0.2825, 0.5371



2.8943, 0.2752, 0.5107

Inverse Universe

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



47.8944, 0.3425, 0.2769



49.8838, 0.3503, 0.2666



46.2091, 0.3798, 0.3190



15.9224, 0.3197, 0.3146



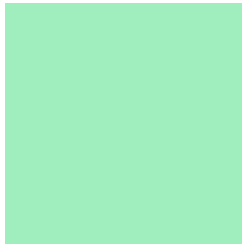
11.3336, 0.4476, 0.2240



0.9622, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 72.3404, 0.2915, 0.3878 looks on a white background.

Color Contrast Check

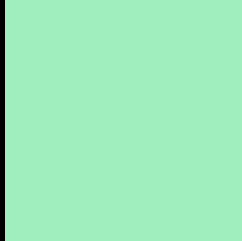
Large Text (above 18pt) WCAG AA × Fail

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 72.3404, 0.2915, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

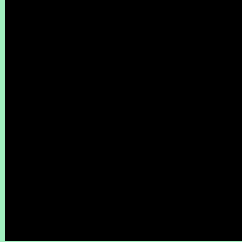
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3404, 0.2915, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 72.3404, 0.2915, 0.3878.

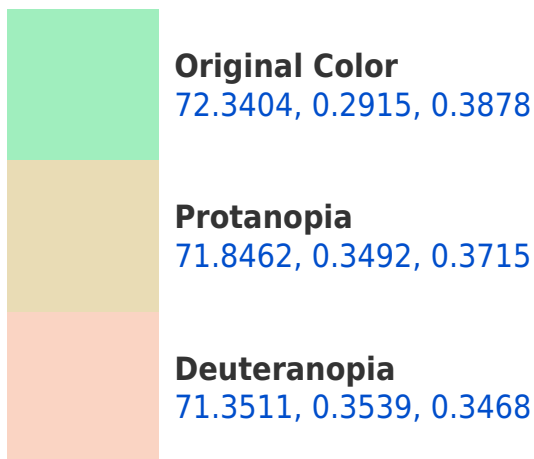


This preview shows how white text looks on a background with the Yxy color 72.3404, 0.2915, 0.3878.

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

72.1416, 0.2662, 0.3085

Trichromacy



Original Color

72.3404, 0.2915, 0.3878



Protanomaly

71.5207, 0.3258, 0.3784



Deuteranomaly

70.3149, 0.3286, 0.3605



Tritanomaly

72.1487, 0.2754, 0.3359

Monochromacy



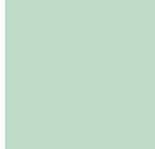
Original Color

72.3404, 0.2915, 0.3878



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.5270, 0.3040, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3404, 0.2915, 0.3878 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(160, 238, 190)` looks like.

```
.text, #text, p{  
    color:rgb(160, 238, 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(160, 238, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 238, 190) }
```

Border

The CSS property to change the border of an element to Yxy 72.3404, 0.2915, 0.3878 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(160, 238, 190) }
```

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

```
.border{ border-color:rgb(160, 238, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 238, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 238, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 238, 190);  
box-shadow:4px 4px 4px 4px rgb(160, 238,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3404, 0.2915, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 238, 190) }
```

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

```
.background{ background-color: rgb(160,  
238, 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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