

Converting Colors

$Yxy(72.5567, 0.2822, 0.3643)$

Have a look what the booklet for
Yxy(72.5567, 0.2822, 0.3643)
contains.

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Color

Yxy(72.6995, 0.2821, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	A1EDD0
RGB	161, 237, 208
RGB Percent	63%, 93%, 82%
CMY	0.3688, 0.0705, 0.1844
CMYK	0.32, 0.00, 0.12, 0.07
HSL	157°, 68%, 78%
HSV	157°, 32%, 93%
XYZ	56.3576, 72.6995, 70.7217
YIQ	210.9700, -35.9870, -25.1310

Conversions

Conversions Part 2

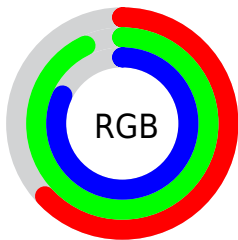
Format	Color
RYB	161, 208, 237
Decimal	10612176
CIELab	88.30, -29.53, 6.63
CIElCh	88, 30.265, 167.347
Yxy	72.6995, 0.2821, 0.3639
Android (android.graphics.Color)	4288802256 (0xFFA1EDD0)
YUV	210.9700, -1.4642, -43.8237
Hunter-Lab	85.2640, -31.2275, 10.5071

Details

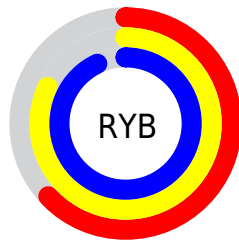
The Yxy color **72.6995, 0.2821, 0.3639** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **47.1976, 0.3583, 0.2969**, and the grayscale version is **65.1424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **38.5066, 0.2748, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **70.0372, 0.2742, 0.3769**, and if you desaturate by 10%, it is **75.8598, 0.2910, 0.3519**.

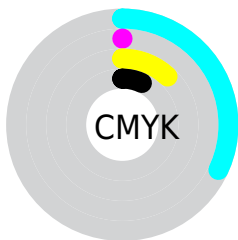
Distribution



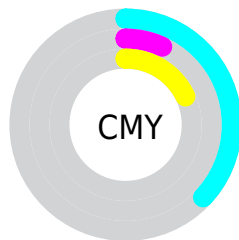
- Red (63%)
- Green (93%)
- Blue (82%)



- Red (63%)
- Yellow (82%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)





- Cyan (37%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6995, 0.2821, 0.3639 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 72.6995, 0.2821, 0.3639 by changing the saturation by 10% instead.


 72.6995, 0.2821,
0.3639


 72.6995, 0.2821,
0.3639


469.9727, 0.2964,
0.3474

 53.7303, 0.2788,
0.3678


 123.0505, 0.2871,
0.3581

 38.3861, 0.2747,
0.3726


 155.2011, 0.2891,
0.3558

 26.2825, 0.2694,
0.3789


192.5143, 0.2907,
0.3539

 17.0351, 0.2625,
0.3872

235.3744, 0.2922,
0.3523

 10.2595, 0.2529,
0.3988

284.1659, 0.2934,
0.3508

 5.5714, 0.2389,
0.4161


339.2732, 0.2946,

 2.5862, 0.2166,


0.3495


0.4446


401.0807, 0.2956,
0.3484


 0.9198, 0.0950,
0.5712

 0.0000, 0.0000,
0.0000


 72.6995, 0.2821,
0.3639


 72.6995, 0.2821,
0.3639

 70.0372, 0.2742,
0.3769


 75.8598, 0.2910,
0.3519


 67.8372, 0.2676,
0.3908


 79.5339, 0.3006,
0.3409


 66.0728, 0.2626,
0.4053


 83.7480, 0.3106,
0.3309

 64.7110, 0.2596,
0.4202


 88.3793, 0.3203,
0.3221

 63.7140, 0.2585,
0.4352

 88.9431, 0.3146,
0.3134

 63.0360, 0.2596,
0.4500

 89.0573, 0.3135,
0.3117

 62.6693, 0.2615,
0.4614

Harmonies

Analogous

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



72.6995, 0.3172, 0.3886



72.6995, 0.2821, 0.3639



72.6995, 0.2562, 0.3290

Triad

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



72.6995, 0.2821, 0.3639



72.6995, 0.2718, 0.2695



72.6995, 0.3854, 0.3547

Complementary

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



72.6995, 0.2821, 0.3639



47.1976, 0.3583, 0.2969

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.



72.6995, 0.3721, 0.3248



72.6995, 0.2821, 0.3639



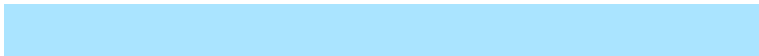
72.6995, 0.3049, 0.2775

Square

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



72.6995, 0.2821, 0.3639



72.6995, 0.2506, 0.2757



72.6995, 0.3419, 0.2973



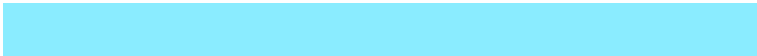
72.6995, 0.3778, 0.3804

Rectangle

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



72.6995, 0.2821, 0.3639



72.6995, 0.2469, 0.3064



72.6995, 0.3419, 0.2973



72.6995, 0.3833, 0.3449

Sweetspot

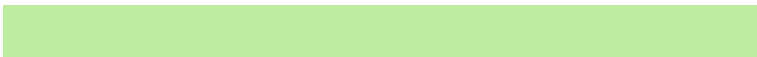
The Sweet Spot groups the original color and five complimentary colors.



72.7025, 0.2821, 0.3639



94.8692, 0.3026, 0.3387



74.1102, 0.3275, 0.4186



20.1628, 0.3012, 0.3402



0.0000, 0.0000, 0.0000



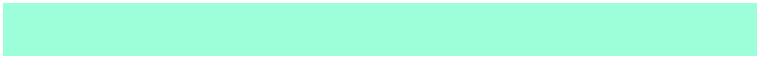
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7025, 0.2821, 0.3639



83.5547, 0.2764, 0.3730



69.2521, 0.2656, 0.3184



17.0187, 0.3032, 0.3381



34.2365, 0.2608, 0.4590



2.7070, 0.2553, 0.4389

Inverse Universe

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



47.1976, 0.3583, 0.2969



48.7594, 0.3726, 0.2896



49.2632, 0.3835, 0.3392



15.1492, 0.3233, 0.3200



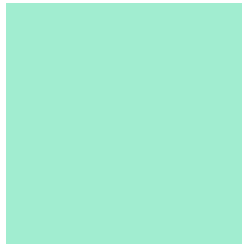
10.2609, 0.5449, 0.2775



0.8240, 0.5074, 0.2569

Previews

White Background



This preview shows how the Yxy color 72.6995, 0.2821, 0.3639 looks on a white background.

Color Contrast Check

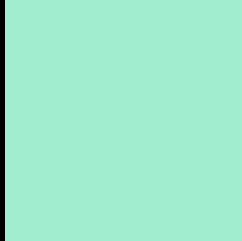
Large Text (above 18pt) WCAG AA × Fail

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 72.6995, 0.2821, 0.3639 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

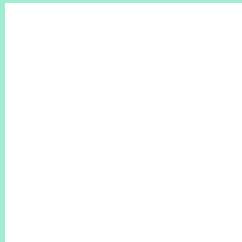
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6995, 0.2821, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 72.6995, 0.2821, 0.3639.

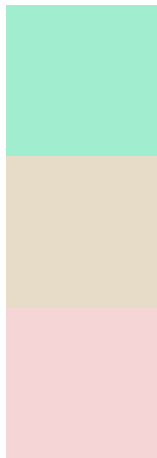


This preview shows how white text looks on a background with the Yxy color 72.6995, 0.2821, 0.3639.

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

72.6995, 0.2821, 0.3639

Protanopia

72.1329, 0.3343, 0.3518

Deuteranopia

71.8051, 0.3367, 0.3291



Tritanopia

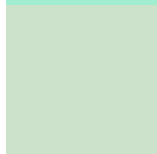
72.6000, 0.2642, 0.3074

Trichromacy



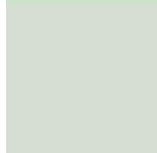
Original Color

72.6995, 0.2821, 0.3639



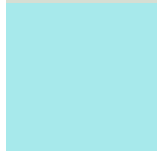
Protanomaly

71.6361, 0.3135, 0.3563



Deuteranomaly

71.2418, 0.3143, 0.3412



Tritanomaly

72.4915, 0.2706, 0.3266

Monochromacy



Original Color

72.6995, 0.2821, 0.3639



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.1770, 0.3003, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6995, 0.2821, 0.3639 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(161, 237, 208)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 208)  
}
```

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(161, 237, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 208) }
```

Border

The CSS property to change the border of an element to Yxy 72.6995, 0.2821, 0.3639 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(161, 237, 208) }
```

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

```
.border{ border-color:rgb(161, 237, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 237, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 237, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 237, 208); box-shadow:4px 4px 4px 4px rgb(161, 237, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6995, 0.2821, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 208) }
```

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

```
.background{ background-color: rgb(161,  
237, 208) }
```

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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