

Converting Colors

$Yxy(72.0476, 0.2804, 0.3527)$

Have a look what the booklet for
Yxy(72.0476, 0.2804, 0.3527)
contains.

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Color

Yxy(72.3223, 0.2804, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	A5EBD7
RGB	165, 235, 215
RGB Percent	65%, 92%, 84%
CMY	0.3528, 0.0784, 0.1568
CMYK	0.30, 0.00, 0.08, 0.08
HSL	163°, 64%, 78%
HSV	163°, 30%, 92%
XYZ	57.4969, 72.3223, 75.2341
YIQ	211.7900, -35.3000, -21.0600

Conversions

Conversions Part 2

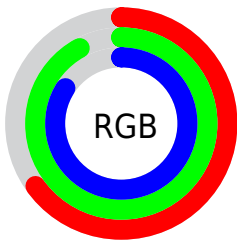
Format	Color
R _{YB}	165, 206, 235
Decimal	10873815
CIE _{Lab}	88.12, -25.94, 2.71
CIE _{LCh}	88, 26.081, 174.036
Y _{xy}	72.3223, 0.2804, 0.3527
Android (android.graphics.Color)	4289063895 (0xFFA5EBD7)
YUV	211.7900, 1.5825, -41.0348
Hunter-Lab	85.0425, -28.1412, 7.0780

Details

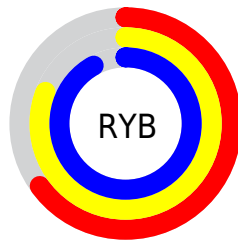
The Yxy color **72.3223, 0.2804, 0.3527** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.0841, 0.3603, 0.3067**, and the grayscale version is **65.7042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **38.1578, 0.2731, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **69.6942, 0.2712, 0.3621**, and if you desaturate by 10%, it is **75.4334, 0.2906, 0.3440**.

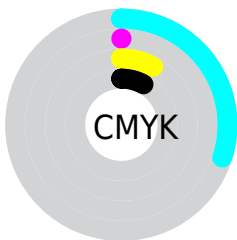
Distribution



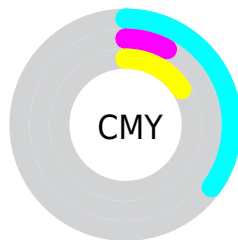
- Red (65%)
- Green (92%)
- Blue (84%)



- Red (65%)
- Yellow (81%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)





- Cyan (35%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3223, 0.2804, 0.3527 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 72.3223, 0.2804, 0.3527 by changing the saturation by 10% instead.


 72.3223, 0.2804,
0.3527


 72.3223, 0.2804,
0.3527


468.6626, 0.2954,
0.3416

 53.4220, 0.2770,
0.3553


 122.5146, 0.2856,
0.3488

 38.1398, 0.2727,
0.3585


 154.5755, 0.2876,
0.3473

 26.0912, 0.2673,
0.3625


191.7920, 0.2894,
0.3460

 16.8919, 0.2602,
0.3679

234.5485, 0.2909,
0.3449

 10.1574, 0.2505,
0.3754

283.2294, 0.2922,
0.3439

 5.5035, 0.2365,
0.3863

338.2191, 0.2934,

 2.5456, 0.2145,

0.3431

399.9021, 0.2945,
0.3423

0.4038

0.8994, 0.1160,
0.4707

0.0000, 0.0000,
0.0000

72.3223, 0.2804,
0.3527

72.3223, 0.2804,
0.3527

69.6942, 0.2712,
0.3621

75.4334, 0.2906,
0.3440

67.5147, 0.2634,
0.3721


79.0424, 0.3016,
0.3360

65.7588, 0.2572,
0.3825

83.1741, 0.3130,
0.3288

64.3953, 0.2529,
0.3933


87.0779, 0.3219,
0.3223


 63.3886, 0.2506,
0.4042

 87.4881, 0.3176,
0.3159

 62.6965, 0.2503,
0.4151

 87.8957, 0.3136,
0.3097

 62.2487, 0.2516,
0.4258

 62.2397, 0.2517,
0.4260

Harmonies

Analogous

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



72.3223, 0.3097, 0.3765



72.3223, 0.2804, 0.3527



72.3223, 0.2603, 0.3225

Triad

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



72.3223, 0.2804, 0.3527



72.3223, 0.2831, 0.2776



72.3223, 0.3755, 0.3572

Complementary

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



72.3223, 0.2804, 0.3527



48.0841, 0.3603, 0.3067

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.



72.3223, 0.3679, 0.3315



72.3223, 0.2804, 0.3527



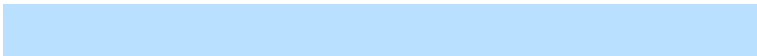
72.3223, 0.3132, 0.2871

Square

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



72.3223, 0.2804, 0.3527



72.3223, 0.2618, 0.2805



72.3223, 0.3447, 0.3064



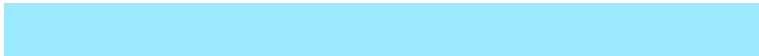
72.3223, 0.3653, 0.3774

Rectangle

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



72.3223, 0.2804, 0.3527



72.3223, 0.2542, 0.3040



72.3223, 0.3447, 0.3064



72.3223, 0.3750, 0.3489

Sweetspot

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



72.3253, 0.2804, 0.3527



95.4894, 0.3024, 0.3355



72.5745, 0.3226, 0.4125



20.2930, 0.3008, 0.3366



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.



72.3253, 0.2804, 0.3527



84.9733, 0.2744, 0.3586



65.7150, 0.2679, 0.3123



17.0443, 0.3019, 0.3358



34.6629, 0.2512, 0.4243



2.7383, 0.2471, 0.4094

Inverse Universe

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



48.0841, 0.3603, 0.3067



51.2172, 0.3747, 0.3018



52.6276, 0.3748, 0.3450



15.1248, 0.3248, 0.3223



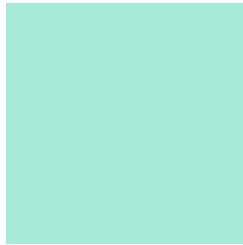
10.0749, 0.5810, 0.2974



0.8072, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 72.3223, 0.2804, 0.3527 looks on a white background.

Color Contrast Check

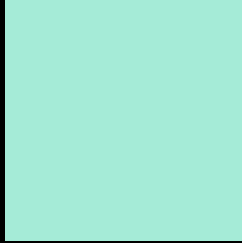
Large Text (above 18pt) WCAG AA × Fail

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 72.3223, 0.2804, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

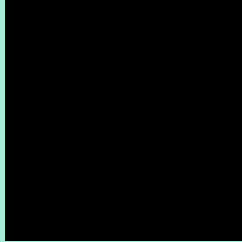
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

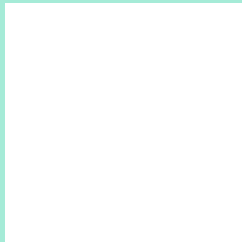
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3223, 0.2804, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 72.3223, 0.2804, 0.3527.

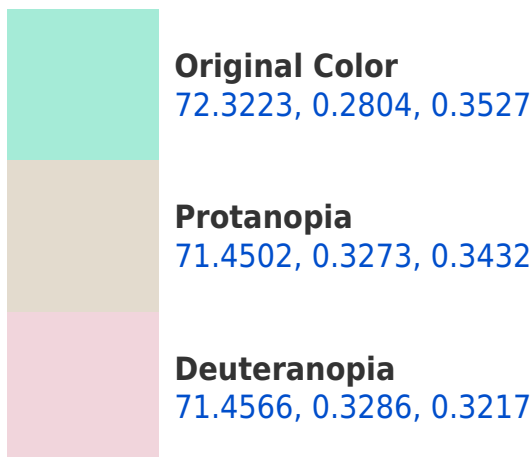


This preview shows how white text looks on a background with the Yxy color 72.3223, 0.2804, 0.3527.

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

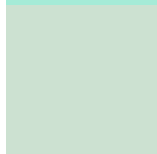
72.2038, 0.2657, 0.3074

Trichromacy



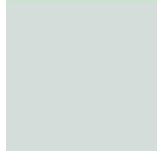
Original Color

72.3223, 0.2804, 0.3527



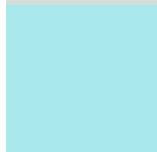
Protanomaly

71.2912, 0.3084, 0.3471



Deuteranomaly

70.9210, 0.3090, 0.3323



Tritanomaly

72.2627, 0.2705, 0.3231

Monochromacy



Original Color

72.3223, 0.2804, 0.3527



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.5926, 0.2997, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3223, 0.2804, 0.3527 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, 235, 215)` looks like.

```
.text, #text, p{  
  color:rgb(165, 235, 215)  
}
```

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, 235, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 235, 215) }
```

Border

The CSS property to change the border of an element to Yxy 72.3223, 0.2804, 0.3527 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, 235, 215) }
```

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

```
.border{ border-color:rgb(165, 235, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 235, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 235, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 235, 215);  
box-shadow:4px 4px 4px 4px rgb(165, 235,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3223, 0.2804, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 235, 215) }
```

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

```
.background{ background-color: rgb(165,  
235, 215) }
```

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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