

Converting Colors

$Yxy(70.1454, 0.2881, 0.3327)$

Have a look what the booklet for
Yxy(70.1454, 0.2881, 0.3327)
contains.

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Color

Yxy(70.1595, 0.2879, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	BAE2DF
RGB	186, 226, 223
RGB Percent	73%, 89%, 87%
CMY	0.2705, 0.1137, 0.1255
CMYK	0.18, 0.00, 0.01, 0.11
HSL	175°, 41%, 81%
HSV	175°, 18%, 89%
XYZ	60.7669, 70.1595, 80.1431
YIQ	213.6980, -22.8770, -9.4130

Conversions

Conversions Part 2

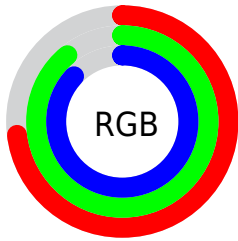
Format	Color
R _Y B	186, 207, 226
Decimal	12247775
CIE Lab	87.08, -13.55, -2.86
CIE LCh	87, 13.850, 191.928
Yxy	70.1595, 0.2879, 0.3324
Android (android.graphics.Color)	4290437855 (0xFFBAE2DF)
YUV	213.6980, 4.5859, -24.2911
Hunter-Lab	83.7613, -17.0845, 1.9040

Details

The Yxy color **70.1595, 0.2879, 0.3324** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9700, 0.3443, 0.3257**, and the grayscale version is **67.0149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **36.8585, 0.2818, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **67.4604, 0.2751, 0.3346**, and if you desaturate by 10%, it is **73.3130, 0.3017, 0.3304**.

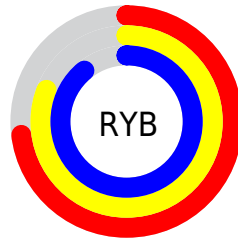
Distribution



Red (73%)

Green (89%)

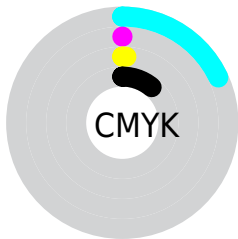
Blue (87%)



Red (73%)

Yellow (81%)

Blue (89%)

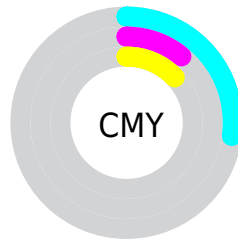


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (27%)


Magenta (11%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1595, 0.2879, 0.3324 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 70.1595, 0.2879, 0.3324 by changing the saturation by 10% instead.


 70.1595, 0.2879,
0.3324

 70.1595, 0.2879,
0.3324

461.1098, 0.2994,
0.3309

 51.6566, 0.2853,
0.3327


 119.4362, 0.2919,
0.3319

 36.7314, 0.2820,
0.3331


150.9787, 0.2934,
0.3317

 24.9996, 0.2779,
0.3336


187.6366, 0.2948,
0.3315

 16.0768, 0.2725,
0.3342

229.7942, 0.2959,
0.3314

 9.5785, 0.2651,
0.3349

277.8360, 0.2970,
0.3312

 5.1204, 0.2544,
0.3359

332.1462, 0.2979,

 2.3181, 0.2375,

0.3311

393.1094, 0.2987,
0.3310

0.3372

0.7832, 0.1836,
0.3477

0.0000, 0.0000,
0.0000

70.1595, 0.2879,
0.3324

70.1595, 0.2879,
0.3324

67.4604, 0.2751,
0.3346

73.3130, 0.3017,
0.3304

65.1859, 0.2636,
0.3369

76.9319, 0.3161,
0.3286


63.3164, 0.2536,
0.3393

81.0374, 0.3309,
0.3270

61.8271, 0.2454,
0.3418


81.3558, 0.3306,
0.3253

 60.6904, 0.2391,
0.3443


 81.4519, 0.3295,
0.3236

 59.8752, 0.2347,
0.3469


 81.5488, 0.3283,
0.3219


 59.3449, 0.2322,
0.3494

 81.6467, 0.3272,
0.3202

 59.0493, 0.2314,
0.3519

 81.7456, 0.3261,
0.3186

 58.9961, 0.2313,
0.3525

 81.8454, 0.3249,
0.3169

Harmonies

Analogous

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



70.1595, 0.3015, 0.3472



70.1595, 0.2879, 0.3324



70.1595, 0.2809, 0.3171

Triad

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



70.1595, 0.2879, 0.3324



70.1595, 0.3063, 0.3030



70.1595, 0.3442, 0.3518

Complementary

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



70.1595, 0.2879, 0.3324



54.9700, 0.3443, 0.3257

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.



70.1595, 0.3457, 0.3395



70.1595, 0.2879, 0.3324



70.1595, 0.3235, 0.3118

Square

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



70.1595, 0.2879, 0.3324



70.1595, 0.2913, 0.3006



70.1595, 0.3380, 0.3250



70.1595, 0.3341, 0.3584

Rectangle

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



70.1595, 0.2879, 0.3324



70.1595, 0.2808, 0.3088



70.1595, 0.3380, 0.3250



70.1595, 0.3457, 0.3482

Sweetspot

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



70.1624, 0.2879, 0.3324



97.5998, 0.3054, 0.3299



68.8034, 0.3128, 0.3767



20.8209, 0.3044, 0.3300



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.



70.1624, 0.2879, 0.3324



90.9628, 0.2834, 0.3331



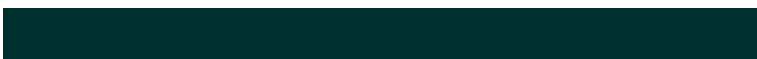
61.7014, 0.2851, 0.3094



15.5536, 0.2992, 0.3307



33.6645, 0.2312, 0.3521



2.3388, 0.2301, 0.3482

Inverse Universe

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



54.9700, 0.3443, 0.3257



67.6746, 0.3520, 0.3250



62.2750, 0.3436, 0.3479



13.7172, 0.3280, 0.3273



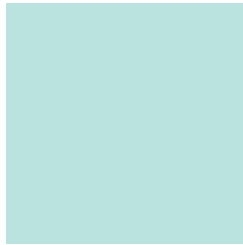
9.2540, 0.6315, 0.3253



0.6474, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 70.1595, 0.2879, 0.3324 looks on a white background.

Color Contrast Check

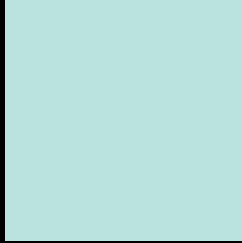
Large Text (above 18pt) WCAG AA × Fail

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 70.1595, 0.2879, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

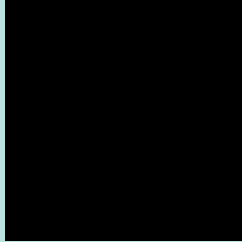
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

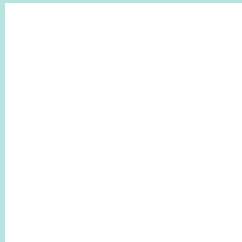
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1595, 0.2879, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 70.1595, 0.2879, 0.3324.

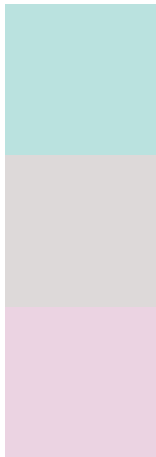


This preview shows how white text looks on a background with the Yxy color 70.1595, 0.2879, 0.3324.

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

70.1595, 0.2879, 0.3324

Protanopia

70.0076, 0.3156, 0.3290

Deuteranopia

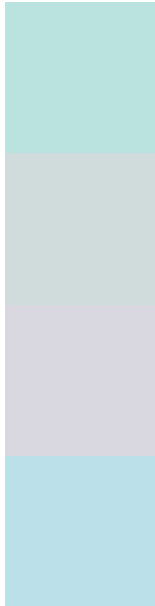
69.7417, 0.3201, 0.3132



Tritanopia

69.9450, 0.2792, 0.3087

Trichromacy



Original Color

70.1595, 0.2879, 0.3324

Protanomaly

69.7108, 0.3049, 0.3301

Deuteranomaly

69.2997, 0.3074, 0.3191

Tritanomaly

69.9432, 0.2826, 0.3176

Monochromacy



Original Color

70.1595, 0.2879, 0.3324

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9899, 0.3034, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1595, 0.2879, 0.3324 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(186, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(186, 226, 223)  
}
```

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(186, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 226, 223) }
```

Border

The CSS property to change the border of an element to Yxy 70.1595, 0.2879, 0.3324 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(186, 226, 223) }
```

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

```
.border{ border-color:rgb(186, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(186, 226,  
223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.1595, 0.2879, 0.3324$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 226, 223) }
```

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

```
.background{ background-color: rgb(186,  
226, 223) }
```

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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