

Converting Colors

$Yxy(66.1658, 0.2729, 0.3330)$

Have a look what the booklet for
Yxy(66.1658, 0.2729, 0.3330)
contains.

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Color

Yxy(66.0054, 0.2731, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	A0E0DD
RGB	160, 224, 221
RGB Percent	63%, 88%, 87%
CMY	0.3723, 0.1216, 0.1333
CMYK	0.29, 0.00, 0.01, 0.12
HSL	177°, 51%, 75%
HSV	177°, 29%, 88%
XYZ	54.2138, 66.0054, 78.2933
YIQ	204.5220, -37.1810, -14.5010

Conversions

Conversions Part 2

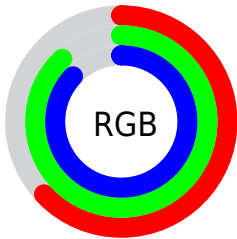
Format	Color
RYB	160, 193, 224
Decimal	10543325
CIELab	85.00, -20.68, -5.04
CIELCh	85, 21.285, 193.701
Yxy	66.0054, 0.2731, 0.3325
Android (android.graphics.Color)	4288733405 (0xFFA0E0DD)
YUV	204.5220, 8.1237, -39.0458
Hunter-Lab	81.2437, -23.0638, -0.2663

Details

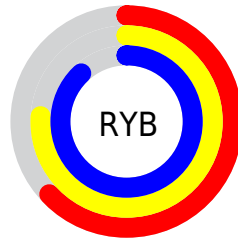
The Yxy color **66.0054, 0.2731, 0.3325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6561, 0.3725, 0.3256**, and the grayscale version is **60.7059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **34.1933, 0.2637, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **63.8470, 0.2615, 0.3339**, and if you desaturate by 10%, it is **68.5854, 0.2861, 0.3312**.

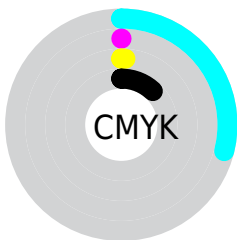
Distribution



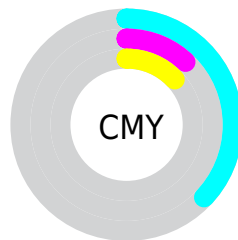
- Red (63%)
- Green (88%)
- Blue (87%)



- Red (63%)
- Yellow (76%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (37%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0054, 0.2731, 0.3325 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 66.0054, 0.2731, 0.3325 by changing the saturation by 10% instead.

 66.0054, 0.2731,
0.3325


 66.0054, 0.2731,
0.3325


446.3962, 0.2916,
0.3311

 48.2768, 0.2688,
0.3328


 113.4941, 0.2795,
0.3321

 34.0461, 0.2636,
0.3331


 144.0229, 0.2820,
0.3319

 22.9290, 0.2569,
0.3334


179.5873, 0.2842,
0.3317

 14.5411, 0.2481,
0.3337

220.5717, 0.2860,
0.3316

 8.4980, 0.2360,
0.3340

267.3603, 0.2877,
0.3314

 4.4152, 0.2186,
0.3341

320.3377, 0.2891,

 1.9084, 0.1913,

0.3313

379.8882, 0.2904,
0.3312

0.3332

0.5534, 0.0139,
0.3618

0.0000, 0.0000,
0.0000

66.0054, 0.2731,
0.3325

66.0054, 0.2731,
0.3325

63.8470, 0.2615,
0.3339

68.5854, 0.2861,
0.3312

62.0799, 0.2514,
0.3354

71.5997, 0.3001,
0.3300

60.6823, 0.2431,
0.3369

75.0702, 0.3149,
0.3288

59.6271, 0.2368,
0.3384

79.0151, 0.3302,
0.3278

■ 58.8834, 0.2324,
0.3400

■ 80.0710, 0.3333,
0.3268

■ 58.4148, 0.2298,
0.3415

■ 80.1287, 0.3326,
0.3258

■ 58.1671, 0.2288,
0.3431

■ 80.1867, 0.3319,
0.3247

■ 58.1382, 0.2287,
0.3433

■ 80.2451, 0.3311,
0.3237

■ 80.3038, 0.3304,
0.3227

Harmonies

Analogous

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



66.0054, 0.2935, 0.3567



66.0054, 0.2731, 0.3325



66.0054, 0.2632, 0.3085

Triad

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



66.0054, 0.2731, 0.3325



66.0054, 0.3040, 0.2895



66.0054, 0.3615, 0.3651

Complementary

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



66.0054, 0.2731, 0.3325



43.6561, 0.3725, 0.3256

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.



66.0054, 0.3649, 0.3460



66.0054, 0.2731, 0.3325



66.0054, 0.3310, 0.3035

Square

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



66.0054, 0.2731, 0.3325



66.0054, 0.2804, 0.2850



66.0054, 0.3536, 0.3237



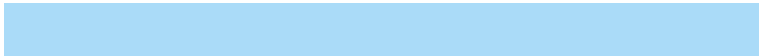
66.0054, 0.3447, 0.3755

Rectangle

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



66.0054, 0.2731, 0.3325



66.0054, 0.2635, 0.2961



66.0054, 0.3536, 0.3237



66.0054, 0.3643, 0.3594

Sweetspot

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



66.0081, 0.2731, 0.3325



95.8353, 0.2994, 0.3300



63.6614, 0.3110, 0.4111



20.3788, 0.2973, 0.3302



0.0000, 0.0000, 0.0000



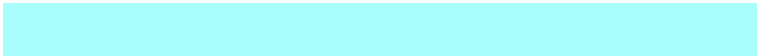
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0081, 0.2731, 0.3325



86.8398, 0.2663, 0.3333



51.9926, 0.2677, 0.2928



15.5607, 0.2988, 0.3301



33.8483, 0.2286, 0.3431



2.3496, 0.2280, 0.3407

Inverse Universe

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



43.6561, 0.3725, 0.3256



52.3681, 0.3896, 0.3250



54.7092, 0.3662, 0.3626



13.7109, 0.3285, 0.3279



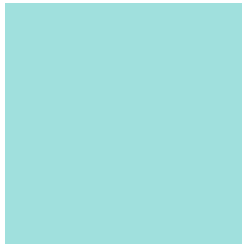
9.2423, 0.6349, 0.3271



0.6443, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 66.0054, 0.2731, 0.3325 looks on a white background.

Color Contrast Check

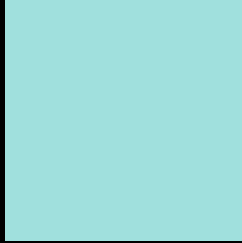
Large Text (above 18pt) WCAG AA × Fail

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 66.0054, 0.2731, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

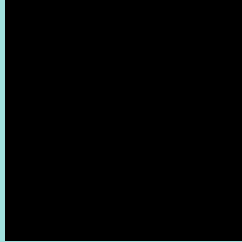
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

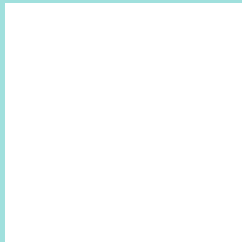
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0054, 0.2731, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 66.0054, 0.2731, 0.3325.



This preview shows how white text looks on a background with the Yxy color 66.0054, 0.2731, 0.3325.

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

66.0054, 0.2731, 0.3325

Protanopia

65.3444, 0.3144, 0.3256

Deuteranopia

65.2676, 0.3145, 0.3073



Tritanopia

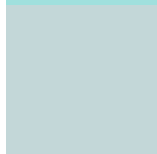
65.8374, 0.2652, 0.3077

Trichromacy



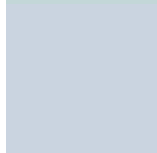
Original Color

66.0054, 0.2731, 0.3325



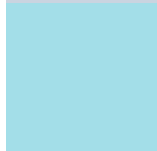
Protanomaly

65.1608, 0.2978, 0.3278



Deuteranomaly

65.0253, 0.2975, 0.3153



Tritanomaly

65.8553, 0.2685, 0.3170

Monochromacy



Original Color

66.0054, 0.2731, 0.3325



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.6089, 0.2968, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0054, 0.2731, 0.3325 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, 224, 221)` looks like.

```
.text, #text, p{  
    color:rgb(160, 224, 221)  
}
```

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, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 224, 221) }
```

Border

The CSS property to change the border of an element to Yxy 66.0054, 0.2731, 0.3325 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, 224, 221) }
```

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

```
.border{ border-color:rgb(160, 224, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 224, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(160, 224,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0054, 0.2731, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 224, 221) }
```

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

```
.background{ background-color: rgb(160,  
224, 221) }
```

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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