

Converting Colors

$Yxy(67.2992, 0.2723, 0.3321)$

Have a look what the booklet for
Yxy(67.2992, 0.2723, 0.3321)
contains.

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Color

Yxy(67.1940, 0.2722, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	A0E2DF
RGB	160, 226, 223
RGB Percent	63%, 89%, 87%
CMY	0.3727, 0.1137, 0.1255
CMYK	0.29, 0.00, 0.01, 0.11
HSL	177°, 53%, 76%
HSV	177°, 29%, 89%
XYZ	55.0081, 67.1940, 79.8851
YIQ	205.9240, -38.3730, -14.9250

Conversions

Conversions Part 2

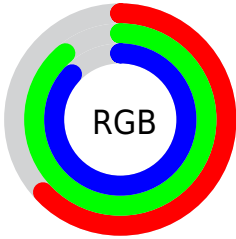
Format	Color
R _Y B	160, 194, 226
Decimal	10543839
CIE Lab	85.60, -21.26, -5.21
CIE LCh	86, 21.891, 193.765
Yxy	67.1940, 0.2722, 0.3325
Android (android.graphics.Color)	4288733919 (0xFFA0E2DF)
YUV	205.9240, 8.4185, -40.2753
Hunter-Lab	81.9719, -23.6666, -0.4002

Details

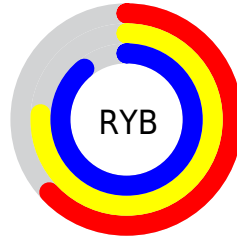
The Yxy color **67.1940, 0.2722, 0.3325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9446, 0.3745, 0.3257**, and the grayscale version is **61.6313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **35.0171, 0.2628, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **65.0205, 0.2606, 0.3339**, and if you desaturate by 10%, it is **69.7966, 0.2851, 0.3312**.

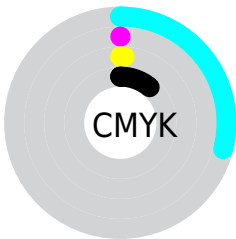
Distribution



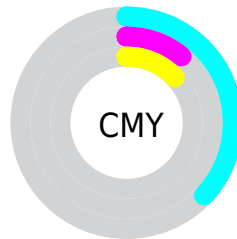
- Red (63%)
- Green (89%)
- Blue (87%)



- Red (63%)
- Yellow (76%)
- Blue (89%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)





- Cyan (37%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1940, 0.2722, 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 67.1940, 0.2722, 0.3325 by changing the saturation by 10% instead.


 67.1940, 0.2722,
0.3325


 67.1940, 0.2722,
0.3325


450.6350, 0.2910,
0.3311

 49.2423, 0.2679,
0.3328


 115.1983, 0.2787,
0.3321

 34.8117, 0.2625,
0.3330


 146.0198, 0.2813,
0.3319

 23.5179, 0.2558,
0.3334


181.8999, 0.2835,
0.3317

 14.9764, 0.2469,
0.3337

223.2232, 0.2854,
0.3316

 8.8028, 0.2348,
0.3339

270.3739, 0.2871,
0.3314

 4.6128, 0.2174,
0.3339

323.7365, 0.2885,

 2.0219, 0.1902,

0.3313

383.6954, 0.2898,
0.3312

0.3330

0.6202, 0.0406,
0.3581

0.0000, 0.0000,
0.0000

67.1940, 0.2722,
0.3325

67.1940, 0.2722,
0.3325

65.0205, 0.2606,
0.3339

69.7966, 0.2851,
0.3312

63.2451, 0.2507,
0.3353

72.8414, 0.2991,
0.3300

61.8453, 0.2425,
0.3368

76.3510, 0.3139,
0.3289

60.7931, 0.2363,
0.3383

80.3439, 0.3291,
0.3279

60.0566, 0.2320,
0.3398

81.2680, 0.3317,
0.3269

59.5982, 0.2296,
0.3413

81.3253, 0.3310,
0.3259

59.3576, 0.2286,
0.3428

81.3830, 0.3304,
0.3249

59.3421, 0.2286,
0.3429

81.4410, 0.3297,
0.3239

81.4994, 0.3290,
0.3229

Harmonies

Analogous

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



67.1940, 0.2930, 0.3573



67.1940, 0.2722, 0.3325



67.1940, 0.2621, 0.3079

Triad

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



67.1940, 0.2722, 0.3325



67.1940, 0.3039, 0.2887



67.1940, 0.3626, 0.3659

Complementary

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



67.1940, 0.2722, 0.3325



43.9446, 0.3745, 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.



67.1940, 0.3661, 0.3463



67.1940, 0.2722, 0.3325



67.1940, 0.3314, 0.3029

Square

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



67.1940, 0.2722, 0.3325



67.1940, 0.2798, 0.2841



67.1940, 0.3546, 0.3236



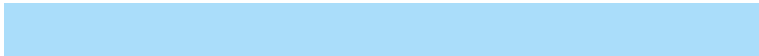
67.1940, 0.3453, 0.3766

Rectangle

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



67.1940, 0.2722, 0.3325



67.1940, 0.2625, 0.2953



67.1940, 0.3546, 0.3236



67.1940, 0.3654, 0.3601

Sweetspot

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



67.1967, 0.2722, 0.3325



95.8371, 0.2994, 0.3300



64.7505, 0.3109, 0.4134



20.3792, 0.2972, 0.3302



0.0000, 0.0000, 0.0000



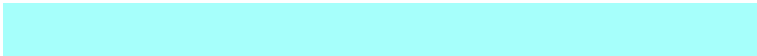
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1967, 0.2722, 0.3325



86.5612, 0.2651, 0.3333



52.5734, 0.2666, 0.2918



15.5610, 0.2988, 0.3300



33.8561, 0.2285, 0.3427



2.3501, 0.2279, 0.3404

Inverse Universe

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



43.9446, 0.3745, 0.3257



51.3368, 0.3929, 0.3250



55.3990, 0.3677, 0.3634



13.7106, 0.3285, 0.3280



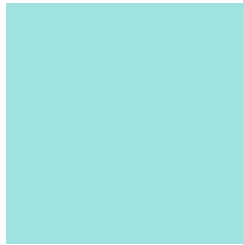
9.2418, 0.6350, 0.3272



0.6442, 0.6205, 0.3192

Previews

White Background



This preview shows how the Yxy color 67.1940, 0.2722, 0.3325 looks on a white background.

Color Contrast Check

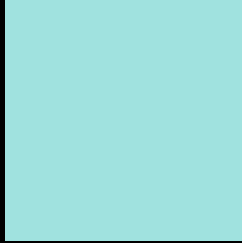
Large Text (above 18pt) WCAG AA × Fail

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 67.1940, 0.2722, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

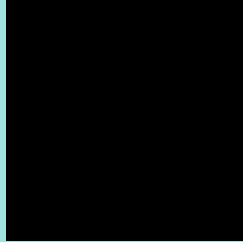
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1940, 0.2722, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 67.1940, 0.2722, 0.3325.

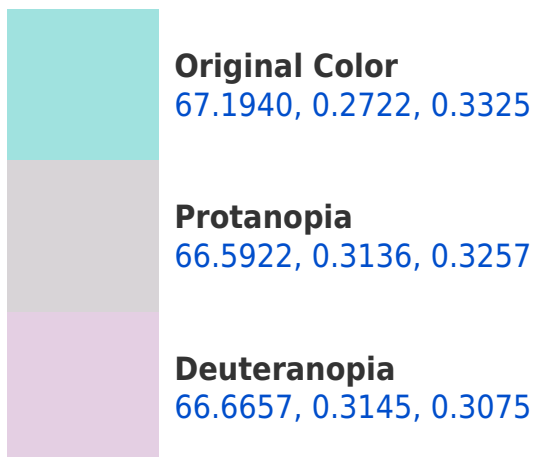


This preview shows how white text looks on a background with the Yxy color 67.1940, 0.2722, 0.3325.

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





Tritanopia

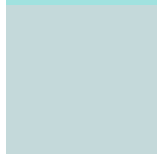
67.0187, 0.2645, 0.3078

Trichromacy



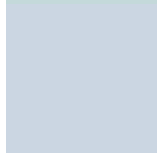
Original Color

67.1940, 0.2722, 0.3325



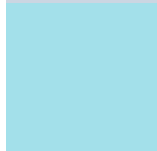
Protanomaly

66.4234, 0.2973, 0.3278



Deuteranomaly

66.2806, 0.2970, 0.3154



Tritanomaly

67.0384, 0.2677, 0.3170

Monochromacy



Original Color

67.1940, 0.2722, 0.3325



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

63.1608, 0.2962, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1940, 0.2722, 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, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 226, 223) }
```

Border

The CSS property to change the border of an element to Yxy 67.1940, 0.2722, 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, 226, 223) }
```

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

```
.border{ border-color:rgb(160, 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(160, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(160, 226,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1940, 0.2722, 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, 226, 223) }
```

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

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