

Converting Colors

$Yxy(65.8265, 0.2747, 0.3327)$

Have a look what the booklet for
Yxy(65.8265, 0.2747, 0.3327)
contains.

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Color

Yxy(65.6240, 0.2747, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	A2DFDC
RGB	162, 223, 220
RGB Percent	64%, 87%, 86%
CMY	0.3645, 0.1255, 0.1372
CMYK	0.27, 0.00, 0.01, 0.13
HSL	177°, 49%, 76%
HSV	177°, 27%, 87%
XYZ	54.2163, 65.6240, 77.5251
YIQ	204.4190, -35.3930, -13.8650

Conversions

Conversions Part 2

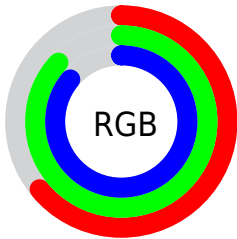
Format	Color
RYB	162, 193, 223
Decimal	10674140
CIELab	84.80, -19.83, -4.79
CIELCh	85, 20.403, 193.577
Yxy	65.6240, 0.2747, 0.3325
Android (android.graphics.Color)	4288864220 (0xFFA2DFDC)
YUV	204.4190, 7.6814, -37.2015
Hunter-Lab	81.0086, -22.3013, -0.0344

Details

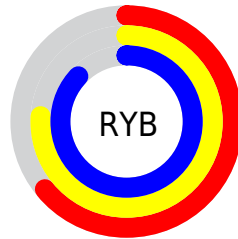
The Yxy color **65.6240, 0.2747, 0.3325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2680, 0.3689, 0.3256**, and the grayscale version is **60.6390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **33.9100, 0.2655, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **63.4360, 0.2629, 0.3340**, and if you desaturate by 10%, it is **68.2318, 0.2878, 0.3311**.

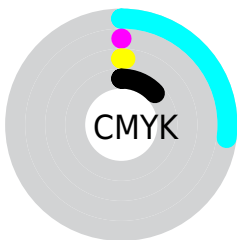
Distribution



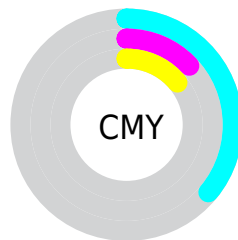
- Red (64%)
- Green (87%)
- Blue (86%)



- Red (64%)
- Yellow (76%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)





- Cyan (36%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6240, 0.2747, 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 65.6240, 0.2747, 0.3325 by changing the saturation by 10% instead.

 65.6240, 0.2747,
0.3325


 65.6240, 0.2747,
0.3325

445.0310, 0.2925,
0.3311

 47.9672, 0.2706,
0.3328


 112.9465, 0.2809,
0.3320

 33.8009, 0.2655,
0.3331

 143.3810, 0.2833,
0.3319

 22.7407, 0.2591,
0.3334


178.8436, 0.2854,
0.3317

 14.4022, 0.2506,
0.3338

219.7186, 0.2871,
0.3315

 8.4009, 0.2389,
0.3342

266.3905, 0.2887,
0.3314

 4.3525, 0.2220,
0.3344

319.2436, 0.2901,

 1.8727, 0.1953,

0.3313

378.6623, 0.2913,
0.3312

0.3338

0.5319, 0.0146,
0.3625

0.0000, 0.0000,
0.0000

65.6240, 0.2747,
0.3325

65.6240, 0.2747,
0.3325

63.4360, 0.2629,
0.3340

68.2318, 0.2878,
0.3311

61.6379, 0.2527,
0.3355

71.2718, 0.3019,
0.3299

60.2086, 0.2442,
0.3371

74.7654, 0.3167,
0.3287

59.1216, 0.2376,
0.3387

78.7305, 0.3320,
0.3277

■ 58.3468, 0.2330,
0.3404

■ 79.4925, 0.3339,
0.3266

■ 57.8491, 0.2302,
0.3420

■ 79.5524, 0.3332,
0.3255

■ 57.5815, 0.2291,
0.3436

■ 79.6127, 0.3324,
0.3244

■ 57.5282, 0.2289,
0.3440

■ 79.6734, 0.3317,
0.3233

■ 79.7344, 0.3309,
0.3222

Harmonies

Analogous

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



65.6240, 0.2944, 0.3557



65.6240, 0.2747, 0.3325



65.6240, 0.2651, 0.3094

Triad

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



65.6240, 0.2747, 0.3325



65.6240, 0.3043, 0.2910



65.6240, 0.3596, 0.3637

Complementary

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



65.6240, 0.2747, 0.3325



44.2680, 0.3689, 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.



65.6240, 0.3628, 0.3453



65.6240, 0.2747, 0.3325



65.6240, 0.3302, 0.3044

Square

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



65.6240, 0.2747, 0.3325



65.6240, 0.2816, 0.2867



65.6240, 0.3519, 0.3238



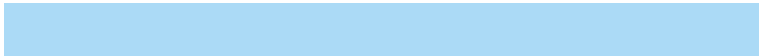
65.6240, 0.3435, 0.3736

Rectangle

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



65.6240, 0.2747, 0.3325



65.6240, 0.2654, 0.2975



65.6240, 0.3519, 0.3238



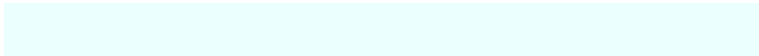
65.6240, 0.3623, 0.3582

Sweetspot

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



65.6267, 0.2747, 0.3325



96.2700, 0.3008, 0.3299



63.3928, 0.3111, 0.4070



20.4652, 0.2987, 0.3301



0.0000, 0.0000, 0.0000



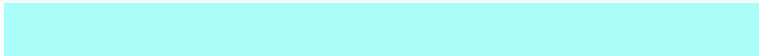
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6267, 0.2747, 0.3325



87.1187, 0.2675, 0.3334



52.3032, 0.2696, 0.2946



15.5602, 0.2988, 0.3301



33.8337, 0.2288, 0.3438



2.3488, 0.2281, 0.3413

Inverse Universe

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



44.2680, 0.3689, 0.3256



53.4231, 0.3862, 0.3249



54.9001, 0.3634, 0.3611



13.7113, 0.3284, 0.3279



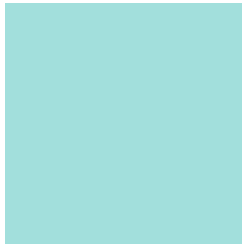
9.2431, 0.6346, 0.3270



0.6446, 0.6191, 0.3184

Previews

White Background



This preview shows how the Yxy color 65.6240, 0.2747, 0.3325 looks on a white background.

Color Contrast Check

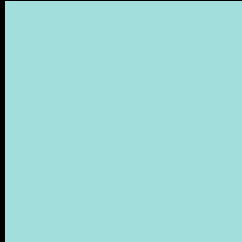
Large Text (above 18pt) WCAG AA × Fail

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 65.6240, 0.2747, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

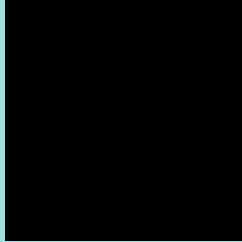
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

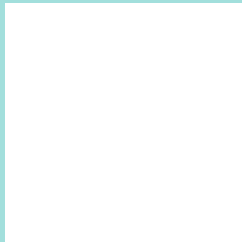
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6240, 0.2747, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 65.6240, 0.2747, 0.3325.

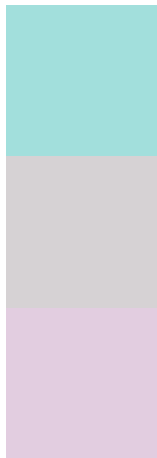


This preview shows how white text looks on a background with the Yxy color 65.6240, 0.2747, 0.3325.

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

65.6240, 0.2747, 0.3325

Protanopia

65.1428, 0.3143, 0.3268

Deuteranopia

65.2132, 0.3152, 0.3084



Tritanopia

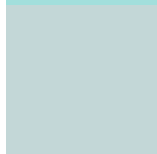
65.4664, 0.2668, 0.3077

Trichromacy



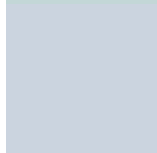
Original Color

65.6240, 0.2747, 0.3325



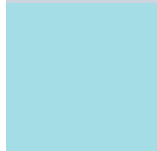
Protanomaly

65.1093, 0.2985, 0.3290



Deuteranomaly

65.1112, 0.2989, 0.3165



Tritanomaly

65.4818, 0.2701, 0.3170

Monochromacy



Original Color

65.6240, 0.2747, 0.3325



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.0605, 0.2974, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6240, 0.2747, 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(162, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(162, 223, 220)  
}
```

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(162, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 223, 220) }
```

Border

The CSS property to change the border of an element to Yxy 65.6240, 0.2747, 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(162, 223, 220) }
```

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

```
.border{ border-color:rgb(162, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(162, 223,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6240, 0.2747, 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(162, 223, 220) }
```

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

```
.background{ background-color: rgb(162,  
223, 220) }
```

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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