

Converting Colors

$Yxy(69.1427, 0.2337, 0.3462)$

Have a look what the booklet for
Yxy(69.1427, 0.2337, 0.3462)
contains.

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Color

Yxy(69.1348, 0.2340, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	32F1E3
RGB	50, 241, 227
RGB Percent	20%, 95%, 89%
CMY	0.8027, 0.0549, 0.1097
CMYK	0.79, 0.00, 0.06, 0.05
HSL	176°, 87%, 57%
HSV	176°, 79%, 95%
XYZ	46.6480, 69.1348, 83.5678
YIQ	182.2950, -109.3420, -44.8460

Conversions

Conversions Part 2

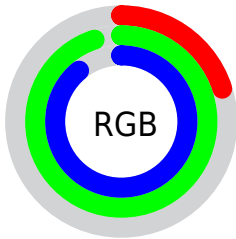
Format	Color
RYB	50, 149, 241
Decimal	3338723
CIELab	86.57, -47.72, -6.27
CIElCh	87, 48.127, 187.484
Yxy	69.1348, 0.2340, 0.3468
Android (android.graphics.Color)	4281528803 (0xFF32F1E3)
YUV	182.2950, 22.0396, -116.0227
Hunter-Lab	83.1473, -45.3642, -1.3867

Details

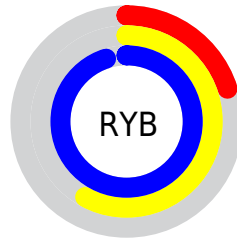
The Yxy color **69.1348, 0.2340, 0.3468** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **21.3802, 0.5748, 0.3204**, and the grayscale version is **46.9208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4858, 0.2482, 0.3288**, and **37.2595, 0.2303, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **68.5768, 0.2318, 0.3493**, and if you desaturate by 10%, it is **70.0216, 0.2381, 0.3443**.

Distribution



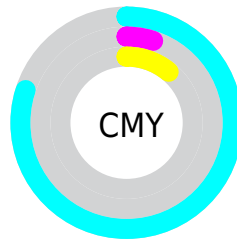
- Red (20%)
- Green (95%)
- Blue (89%)



- Red (20%)
- Yellow (58%)
- Blue (95%)



- Cyan (79%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (80%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1348, 0.2340, 0.3468 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 69.1348, 0.2340, 0.3468 by changing the saturation by 10% instead.

 69.1348, 0.2340,
0.3468


 69.1348, 0.2340,
0.3468


457.5063, 0.2700,
0.3393

 50.8215, 0.2259,
0.3483

 117.9741, 0.2464,
0.3443

 36.0666, 0.2161,
0.3501


 149.2689, 0.2512,
0.3433

 24.4856, 0.2037,
0.3522


 185.6596, 0.2554,
0.3425

 15.6942, 0.1879,
0.3546

 227.5307, 0.2591,
0.3417

 9.3081, 0.1671,
0.3574

275.2665, 0.2623,
0.3410

 4.9427, 0.1386,
0.3601

329.2514, 0.2651,

 2.2137, 0.0948,

0.3404

389.8699, 0.2677,
0.3398

0.3627

0.7274, 0.0000,
0.3668

0.0000, 0.0000,
0.0000

69.1348, 0.2340,
0.3468

69.1348, 0.2340,
0.3468

68.5768, 0.2318,
0.3493

70.0216, 0.2381,
0.3443

68.2719, 0.2311,
0.3517


71.2735, 0.2441,
0.3418


68.2499, 0.2311,
0.3519


72.9306, 0.2521,
0.3394


75.0255, 0.2618,
0.3370

 77.5877, 0.2732,
0.3347

 80.6441, 0.2859,
0.3326

 84.2194, 0.2996,
0.3306

 88.3369, 0.3140,
0.3289

 90.6303, 0.3208,
0.3272

Harmonies

Analogous

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



69.1348, 0.2795, 0.4042



69.1348, 0.2340, 0.3468



69.1348, 0.2101, 0.2899

Triad

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



69.1348, 0.2340, 0.3468



69.1348, 0.2803, 0.2433



69.1348, 0.4245, 0.3951

Complementary

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



69.1348, 0.2340, 0.3468



21.3802, 0.5748, 0.3204

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.



69.1348, 0.4274, 0.3507



69.1348, 0.2340, 0.3468



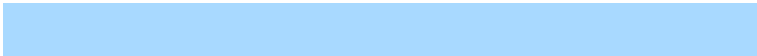
69.1348, 0.3394, 0.2679

Square

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



69.1348, 0.2340, 0.3468



69.1348, 0.2349, 0.2369



69.1348, 0.3953, 0.3058



69.1348, 0.3901, 0.4284

Rectangle

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



69.1348, 0.2340, 0.3468



69.1348, 0.2078, 0.2620



69.1348, 0.3953, 0.3058



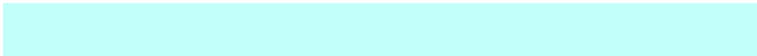
69.1348, 0.4294, 0.3809

Sweetspot

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



69.1374, 0.2340, 0.3468



89.8973, 0.2794, 0.3336



64.3027, 0.3055, 0.5728



18.9836, 0.2750, 0.3344



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.



69.1374, 0.2340, 0.3468



77.7324, 0.2313, 0.3508



32.7151, 0.1994, 0.2171



17.9078, 0.2991, 0.3307



37.0227, 0.2310, 0.3515



3.0859, 0.2301, 0.3483

Inverse Universe

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



21.3802, 0.5748, 0.3204



21.6378, 0.6258, 0.3254



34.8334, 0.5147, 0.4001



15.7776, 0.3282, 0.3273



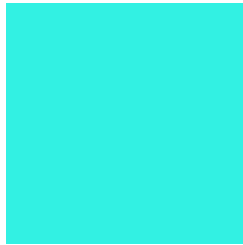
10.1713, 0.6322, 0.3256



0.8526, 0.6129, 0.3150

Previews

White Background



This preview shows how the Yxy color 69.1348, 0.2340, 0.3468 looks on a white background.

Color Contrast Check

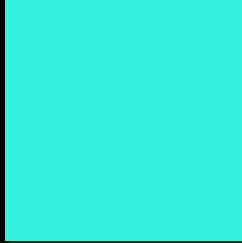
Large Text (above 18pt) WCAG AA × Fail

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 69.1348, 0.2340, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

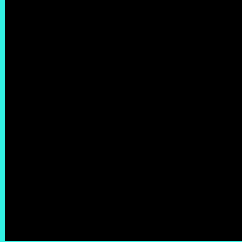
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

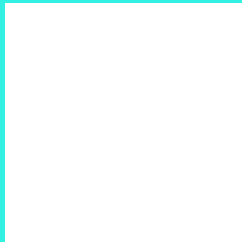
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1348, 0.2340, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 69.1348, 0.2340, 0.3468.

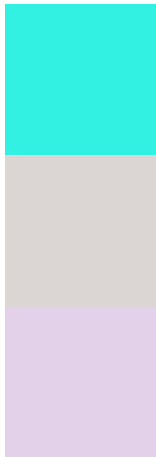


This preview shows how white text looks on a background with the Yxy color 69.1348, 0.2340, 0.3468.

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

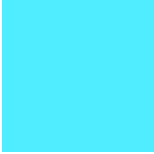
69.1348, 0.2340, 0.3468

Protanopia

67.8564, 0.3184, 0.3323

Deuteranopia

67.8723, 0.3088, 0.3023



Tritanopia

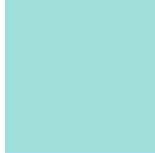
68.9164, 0.2278, 0.3057

Trichromacy



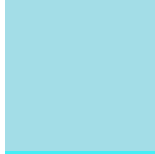
Original Color

69.1348, 0.2340, 0.3468



Protanomaly

65.5902, 0.2741, 0.3375



Deuteranomaly

65.2690, 0.2689, 0.3169



Tritanomaly

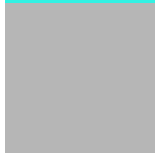
69.0069, 0.2296, 0.3200

Monochromacy



Original Color

69.1348, 0.2340, 0.3468



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

51.8574, 0.2678, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1348, 0.2340, 0.3468 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(50, 241, 227)` looks like.

```
.text, #text, p{  
    color:rgb(50, 241, 227)  
}
```

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(50, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 241, 227) }
```

Border

The CSS property to change the border of an element to Yxy 69.1348, 0.2340, 0.3468 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(50, 241, 227) }
```

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

```
.border{ border-color:rgb(50, 241, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 241, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(50, 241,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1348, 0.2340, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 241, 227) }
```

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

```
.background{ background-color: rgb(50, 241,  
227) }
```

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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