

Converting Colors

$Yxy(69.1946, 0.2367, 0.3238)$

Have a look what the booklet for
Yxy(69.1946, 0.2367, 0.3238)
contains.

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Color

Yxy(69.1946, 0.2367, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	5CEDF1
RGB	92, 237, 241
RGB Percent	36%, 93%, 95%
CMY	0.6389, 0.0706, 0.0548
CMYK	0.62, 0.02, 0.00, 0.05
HSL	182°, 84%, 65%
HSV	182°, 62%, 95%
XYZ	50.5817, 69.1946, 93.9192
YIQ	194.1010, -87.7040, -29.4960

Conversions

Conversions Part 2

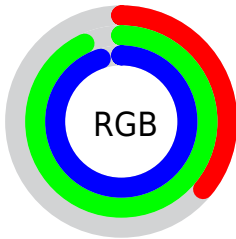
Format	Color
R_{YB}	92, 165, 241
Decimal	6090225
CIE _{Lab}	86.60, -37.06, -13.49
CIE _{LCh}	87, 39.434, 199.998
Yxy	69.1946, 0.2367, 0.3238
Android (android.graphics.Color)	4284280305 (0xFF5CEDF1)
YUV	194.1010, 23.1212, -89.5426
Hunter-Lab	83.1833, -37.0293, -8.7138

Details

The Yxy color **69.1946, 0.2367, 0.3238** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **27.8606, 0.5075, 0.3334**, and the grayscale version is **53.9247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **36.5505, 0.2228, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **67.7701, 0.2304, 0.3229**, and if you desaturate by 10%, it is **71.0204, 0.2450, 0.3247**.

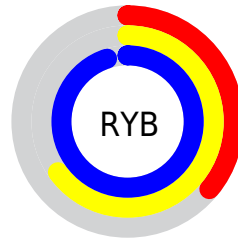
Distribution



Red (36%)

Green (93%)

Blue (95%)



Red (36%)

Yellow (65%)

Blue (95%)

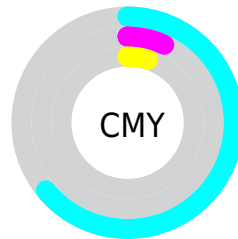


Cyan (62%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (64%)


Magenta (7%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1946, 0.2367, 0.3238 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 69.1946, 0.2367, 0.3238 by changing the saturation by 10% instead.


 69.1946, 0.2367,
0.3238


 69.1946, 0.2367,
0.3238


457.7170, 0.2712,
0.3273


 50.8702, 0.2290,
0.3228


 118.0595, 0.2485,
0.3252

 36.1053, 0.2196,
0.3213


 149.3688, 0.2532,
0.3257

 24.5156, 0.2080,
0.3194


 185.7751, 0.2572,
0.3261

 15.7165, 0.1931,
0.3164

 227.6630, 0.2607,
0.3264

 9.3238, 0.1735,
0.3118

275.4167, 0.2638,
0.3267

 4.9530, 0.1470,
0.3041

329.4207, 0.2666,

 2.2197, 0.1098,

0.3269

0.2894

390.0593, 0.2690,
0.3271

0.7307, 0.0000,
0.2712

0.0000, 0.0000,
0.0000

69.1946, 0.2367,
0.3238

69.1946, 0.2367,
0.3238

67.7701, 0.2304,
0.3229

71.0204, 0.2450,
0.3247

66.7003, 0.2260,
0.3220


73.2736, 0.2551,
0.3256

65.9408, 0.2234,
0.3211


75.9869, 0.2669,
0.3265

65.4893, 0.2223,
0.3204


79.1879, 0.2802,
0.3273

 82.9019, 0.2946,
0.3281

 87.1524, 0.3099,
0.3289

 90.8473, 0.3219,
0.3295

 91.2341, 0.3218,
0.3302

 91.6223, 0.3218,
0.3308

Harmonies

Analogous

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



69.1946, 0.2683, 0.3719



69.1946, 0.2367, 0.3238



69.1946, 0.2247, 0.2822

Triad

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



69.1946, 0.2367, 0.3238



69.1946, 0.3061, 0.2641



69.1946, 0.3961, 0.3979

Complementary

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



69.1946, 0.2367, 0.3238



27.8606, 0.5075, 0.3334

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.



69.1946, 0.4094, 0.3644



69.1946, 0.2367, 0.3238



69.1946, 0.3553, 0.2904

Square

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



69.1946, 0.2367, 0.3238



69.1946, 0.2622, 0.2521



69.1946, 0.3943, 0.3259



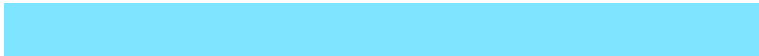
69.1946, 0.3603, 0.4160

Rectangle

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



69.1946, 0.2367, 0.3238



69.1946, 0.2284, 0.2637



69.1946, 0.3943, 0.3259



69.1946, 0.4035, 0.3879

Sweetspot

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



69.1972, 0.2367, 0.3238



91.1095, 0.2840, 0.3276



66.0167, 0.3024, 0.5264



19.2554, 0.2800, 0.3273



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.



69.1972, 0.2367, 0.3238



76.7033, 0.2292, 0.3227



35.2048, 0.2139, 0.2242



17.8515, 0.2981, 0.3283



35.5426, 0.2224, 0.3205



2.9798, 0.2227, 0.3217

Inverse Universe

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



32.4853, 0.3233, 0.1896



32.0880, 0.3251, 0.1726



47.8639, 0.4484, 0.4095



16.0236, 0.3142, 0.3064



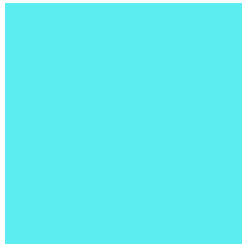
13.3814, 0.3278, 0.1579



1.1155, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 69.1946, 0.2367, 0.3238 looks on a white background.

Color Contrast Check

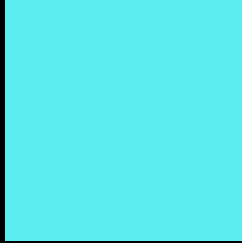
Large Text (above 18pt) WCAG AA × Fail

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 69.1946, 0.2367, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

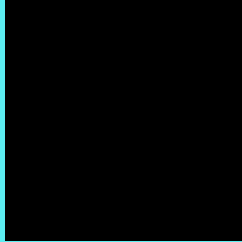
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1946, 0.2367, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 69.1946, 0.2367, 0.3238.



This preview shows how white text looks on a background with the Yxy color 69.1946, 0.2367, 0.3238.

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

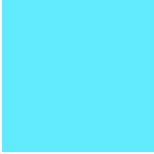
69.1946, 0.2367, 0.3238

Protanopia

68.2381, 0.3055, 0.3147

Deuteranopia

68.1807, 0.2960, 0.2897



Tritanopia

69.1691, 0.2327, 0.3059

Trichromacy



Original Color

69.1946, 0.2367, 0.3238



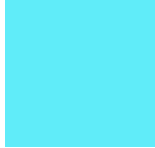
Protanomaly

66.7267, 0.2732, 0.3171



Deuteranomaly

66.7776, 0.2676, 0.3002



Tritanomaly

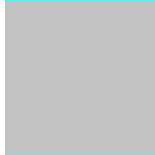
69.3173, 0.2344, 0.3129

Monochromacy



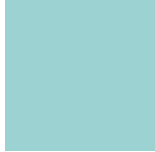
Original Color

69.1946, 0.2367, 0.3238



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

57.9644, 0.2753, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1946, 0.2367, 0.3238 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(92, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(92, 237, 241)  
}
```

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(92, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 237, 241) }
```

Border

The CSS property to change the border of an element to Yxy 69.1946, 0.2367, 0.3238 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(92, 237, 241) }
```

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

```
.border{ border-color:rgb(92, 237, 241) }
```

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

Here you see how a box with a 4 pixel rgb(92, 237, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(92, 237,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1946, 0.2367, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 237, 241) }
```

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

```
.background{ background-color: rgb(92, 237,  
241) }
```

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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