

Converting Colors

$Yxy(62.6765, 0.2324, 0.3287)$

Have a look what the booklet for
Yxy(62.6765, 0.2324, 0.3287)
contains.

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Color

Yxy(62.8891, 0.2325, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	43E5E5
RGB	67, 229, 229
RGB Percent	26%, 90%, 90%
CMY	0.7376, 0.1019, 0.1020
CMYK	0.71, 0.00, 0.00, 0.10
HSL	180°, 76%, 58%
HSV	180°, 71%, 90%
XYZ	44.4699, 62.8891, 83.9095
YIQ	180.5620, -96.5520, -34.3440

Conversions

Conversions Part 2

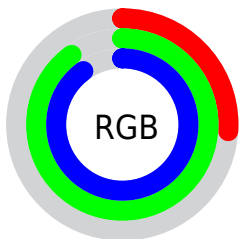
Format	Color
R _{YB}	67, 148, 229
Decimal	4449765
CIE _{Lab}	83.38, -40.22, -12.01
CIE _{LCh}	83, 41.973, 196.630
Yxy	62.8891, 0.2325, 0.3288
Android (android.graphics.Color)	4282639845 (0xFF43E5E5)
YUV	180.5620, 23.8799, -99.5939
Hunter-Lab	79.3026, -38.6836, -7.2224

Details

The Yxy color **62.8891, 0.2325, 0.3288** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **21.0688, 0.5529, 0.3297**, and the grayscale version is **45.8557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1433, 0.2512, 0.3288**, and **32.9431, 0.2242, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **62.2367, 0.2282, 0.3288**, and if you desaturate by 10%, it is **63.8659, 0.2387, 0.3288**.

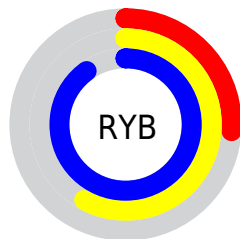
Distribution



Red (26%)

Green (90%)

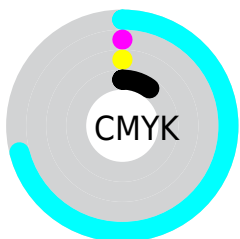
Blue (90%)



Red (26%)

Yellow (58%)

Blue (90%)

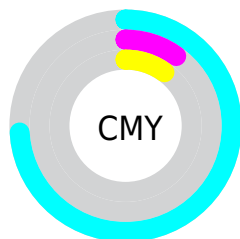


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (10%)



Cyan (74%)


Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8891, 0.2325, 0.3288 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 62.8891, 0.2325, 0.3288 by changing the saturation by 10% instead.


 62.8891, 0.2325,
0.3288


 62.8891, 0.2325,
0.3288


435.1669, 0.2695,
0.3300

 45.7515, 0.2241,
0.3282


 109.0095, 0.2453,
0.3294


 32.0498, 0.2138,
0.3274


 138.7611, 0.2503,
0.3296

 21.3995, 0.2009,
0.3260


 173.4861, 0.2546,
0.3298

 13.4163, 0.1843,
0.3238

 213.5690, 0.2584,
0.3299

 7.7159, 0.1623,
0.3200

259.3941, 0.2617,
0.3299

 3.9137, 0.1321,
0.3128

311.3459, 0.2646,

 1.6254, 0.0789,

0.3300

369.8087, 0.2672,
0.3300

0.3009

0.3746, 0.0000,
0.2269

0.0000, 0.0000,
0.0000

62.8891, 0.2325,
0.3288

62.8891, 0.2325,
0.3288

62.2367, 0.2282,
0.3288

63.8659, 0.2387,
0.3288


61.8614, 0.2257,
0.3288


65.1937, 0.2468,
0.3288


61.7005, 0.2247,
0.3288


66.9043, 0.2569,
0.3289


69.0241, 0.2686,
0.3289

 71.5771, 0.2818,
0.3289

 74.5856, 0.2962,
0.3290

 78.0701, 0.3115,
0.3290

 82.0501, 0.3274,
0.3290

 82.9632, 0.3308,
0.3290

Harmonies

Analogous

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



62.8891, 0.2688, 0.3820



62.8891, 0.2325, 0.3288



62.8891, 0.2172, 0.2816

Triad

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



62.8891, 0.2325, 0.3288



62.8891, 0.2993, 0.2561



62.8891, 0.4070, 0.4004

Complementary

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



62.8891, 0.2325, 0.3288



21.0688, 0.5529, 0.3297

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.



62.8891, 0.4186, 0.3623



62.8891, 0.2325, 0.3288



62.8891, 0.3535, 0.2830

Square

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



62.8891, 0.2325, 0.3288



62.8891, 0.2530, 0.2450



62.8891, 0.3988, 0.3206



62.8891, 0.3697, 0.4236

Rectangle

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



62.8891, 0.2325, 0.3288



62.8891, 0.2195, 0.2601



62.8891, 0.3988, 0.3206



62.8891, 0.4142, 0.3887

Sweetspot

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



62.8915, 0.2325, 0.3288



91.2193, 0.2813, 0.3289



57.7371, 0.3030, 0.5549



19.3200, 0.2775, 0.3289



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.



62.8915, 0.2325, 0.3288



79.1543, 0.2269, 0.3288



28.8737, 0.2041, 0.2145



16.3364, 0.2982, 0.3290



35.2733, 0.2247, 0.3288



2.6066, 0.2247, 0.3288

Inverse Universe

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



21.0688, 0.5529, 0.3297



22.8041, 0.6118, 0.3299



37.3951, 0.4774, 0.4104



14.3681, 0.3293, 0.3290



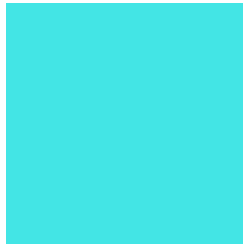
9.5243, 0.6401, 0.3300



0.7038, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 62.8891, 0.2325, 0.3288 looks on a white background.

Color Contrast Check

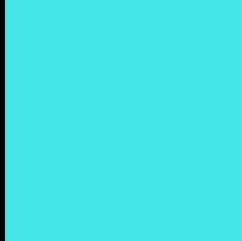
Large Text (above 18pt) WCAG AA × Fail

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 62.8891, 0.2325, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

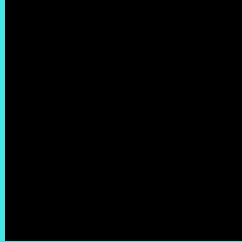
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8891, 0.2325, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 62.8891, 0.2325, 0.3288.

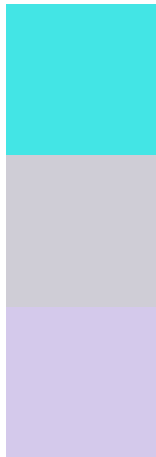


This preview shows how white text looks on a background with the Yxy color 62.8891, 0.2325, 0.3288.

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

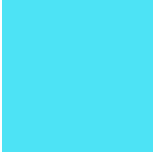
62.8891, 0.2325, 0.3288

Protanopia

61.7831, 0.3079, 0.3187

Deuteranopia

61.7685, 0.2973, 0.2914



Tritanopia

63.1085, 0.2280, 0.3060

Trichromacy



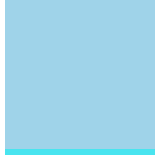
Original Color

62.8891, 0.2325, 0.3288



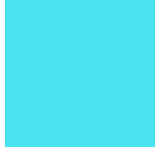
Protanomaly

60.2755, 0.2706, 0.3227



Deuteranomaly

59.8427, 0.2641, 0.3022



Tritanomaly

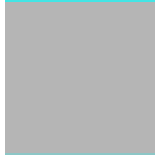
63.1353, 0.2296, 0.3147

Monochromacy



Original Color

62.8891, 0.2325, 0.3288



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

50.0408, 0.2708, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8891, 0.2325, 0.3288 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(67, 229, 229)` looks like.

```
.text, #text, p{  
    color:rgb(67, 229, 229)  
}
```

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(67, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 229, 229) }
```

Border

The CSS property to change the border of an element to Yxy 62.8891, 0.2325, 0.3288 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(67, 229, 229) }
```

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

```
.border{ border-color:rgb(67, 229, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(67, 229,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8891, 0.2325, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 229, 229) }
```

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

```
.background{ background-color: rgb(67, 229,  
229) }
```

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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