

Converting Colors

$Yxy(61.5030, 0.2385, 0.3369)$

Have a look what the booklet for
Yxy(61.5030, 0.2385, 0.3369)
contains.

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Color

Yxy(61.2223, 0.2384, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	4FE2DC
RGB	79, 226, 220
RGB Percent	31%, 89%, 86%
CMY	0.6897, 0.1138, 0.1372
CMYK	0.65, 0.00, 0.03, 0.11
HSL	178°, 72%, 60%
HSV	178°, 65%, 89%
XYZ	43.3484, 61.2223, 77.2597
YIQ	181.3630, -85.6860, -33.0300

Conversions

Conversions Part 2

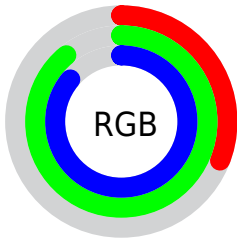
Format	Color
RYB	79, 154, 226
Decimal	5235420
CIELab	82.50, -39.69, -8.56
CIELCh	82, 40.603, 192.173
Yxy	61.2223, 0.2384, 0.3367
Android (android.graphics.Color)	4283425500 (0xFF4FE2DC)
YUV	181.3630, 19.0480, -89.7724
Hunter-Lab	78.2447, -38.0373, -3.7724

Details

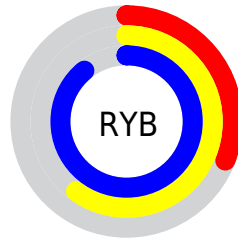
The Yxy color **61.2223, 0.2384, 0.3367** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.4334, 0.5168, 0.3237**, and the grayscale version is **46.3632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7597, 0.2541, 0.3288**, and **31.4661, 0.2271, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **60.3646, 0.2333, 0.3380**, and if you desaturate by 10%, it is **62.4143, 0.2455, 0.3354**.

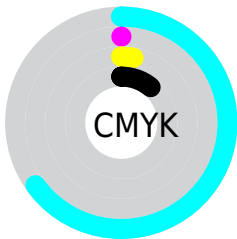
Distribution



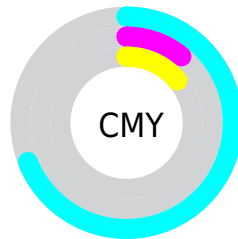
- Red (31%)
- Green (89%)
- Blue (86%)



- Red (31%)
- Yellow (60%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)




- Cyan (69%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2223, 0.2384, 0.3367 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 61.2223, 0.2384, 0.3367 by changing the saturation by 10% instead.

 61.2223, 0.2384,
0.3367

 61.2223, 0.2384,
0.3367

429.0886, 0.2731,
0.3339


 44.4046, 0.2305,
0.3371


 106.6007, 0.2505,
0.3359


 30.9887, 0.2207,
0.3376


 135.9303, 0.2551,
0.3355

 20.5903, 0.2083,
0.3379


 170.1992, 0.2592,
0.3352

 12.8248, 0.1922,
0.3380

 209.7919, 0.2627,
0.3349

 7.3080, 0.1705,
0.3374

255.0928, 0.2658,
0.3346

 3.6555, 0.1402,
0.3350

306.4863, 0.2685,

 1.4828, 0.0779,

0.3343

364.3568, 0.2709,
0.3341

0.3337

0.2766, 0.0000,
0.2351

0.0000, 0.0000,
0.0000

61.2223, 0.2384,
0.3367

61.2223, 0.2384,
0.3367

60.3646, 0.2333,
0.3380

62.4143, 0.2455,
0.3354

59.7993, 0.2300,
0.3394


63.9638, 0.2544,
0.3341


59.4860, 0.2285,
0.3407


65.8996, 0.2651,
0.3328


59.3887, 0.2282,
0.3414


68.2460, 0.2774,
0.3316

 71.0251, 0.2908,
0.3305

 74.2576, 0.3053,
0.3295

 77.9626, 0.3203,
0.3285

 81.2152, 0.3323,
0.3277

 81.2662, 0.3316,
0.3268

Harmonies

Analogous

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



61.2223, 0.2766, 0.3875



61.2223, 0.2384, 0.3367



61.2223, 0.2201, 0.2887

Triad

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



61.2223, 0.2384, 0.3367



61.2223, 0.2921, 0.2550



61.2223, 0.4083, 0.3940

Complementary

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



61.2223, 0.2384, 0.3367



22.4334, 0.5168, 0.3237

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.



61.2223, 0.4152, 0.3557



61.2223, 0.2384, 0.3367



61.2223, 0.3448, 0.2793

Square

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



61.2223, 0.2384, 0.3367



61.2223, 0.2489, 0.2467



61.2223, 0.3914, 0.3150



61.2223, 0.3750, 0.4195

Rectangle

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



61.2223, 0.2384, 0.3367



61.2223, 0.2201, 0.2656



61.2223, 0.3914, 0.3150



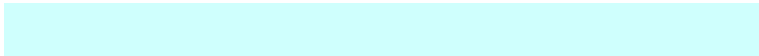
61.2223, 0.4140, 0.3821

Sweetspot

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



61.2246, 0.2384, 0.3367



91.8146, 0.2851, 0.3310



56.9552, 0.3061, 0.5366



19.4290, 0.2813, 0.3313



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.



61.2246, 0.2384, 0.3367



79.0741, 0.2319, 0.3385



32.2641, 0.2133, 0.2331



15.5622, 0.2987, 0.3299



33.8882, 0.2281, 0.3412



2.3520, 0.2275, 0.3391

Inverse Universe

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



22.4334, 0.5168, 0.3237



24.4703, 0.5784, 0.3247



37.0489, 0.4652, 0.4014



13.7095, 0.3286, 0.3281



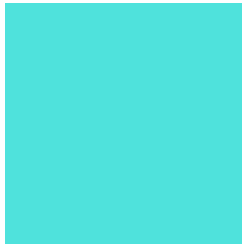
9.2399, 0.6355, 0.3275



0.6437, 0.6225, 0.3203

Previews

White Background



This preview shows how the Yxy color 61.2223, 0.2384, 0.3367 looks on a white background.

Color Contrast Check

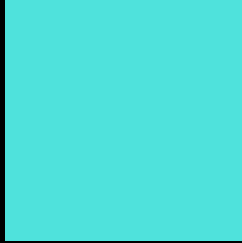
Large Text (above 18pt) WCAG AA × Fail

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 61.2223, 0.2384, 0.3367 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

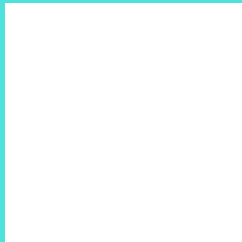
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2223, 0.2384, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 61.2223, 0.2384, 0.3367.

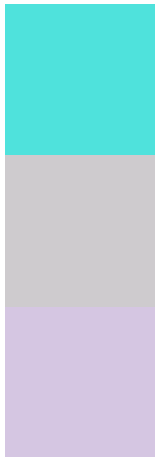


This preview shows how white text looks on a background with the Yxy color 61.2223, 0.2384, 0.3367.

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

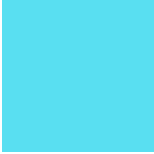
61.2223, 0.2384, 0.3367

Protanopia

60.2899, 0.3129, 0.3255

Deuteranopia

60.0253, 0.3042, 0.2976



Tritanopia

61.2501, 0.2317, 0.3059

Trichromacy



Original Color

61.2223, 0.2384, 0.3367



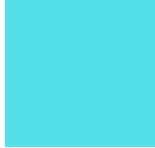
Protanomaly

58.7653, 0.2773, 0.3289



Deuteranomaly

58.3861, 0.2718, 0.3093



Tritanomaly

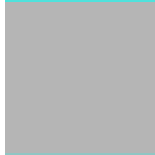
61.1258, 0.2340, 0.3171

Monochromacy



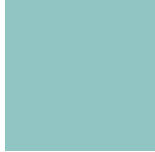
Original Color

61.2223, 0.2384, 0.3367



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

49.8019, 0.2751, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2223, 0.2384, 0.3367 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(79, 226, 220)` looks like.

```
.text, #text, p{  
  color:rgb(79, 226, 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(79, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 226, 220) }
```

Border

The CSS property to change the border of an element to Yxy 61.2223, 0.2384, 0.3367 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(79, 226, 220) }
```

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

```
.border{ border-color:rgb(79, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(79, 226,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2223, 0.2384, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 226, 220) }
```

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

```
.background{ background-color: rgb(79, 226,  
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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