

Converting Colors

$Y_{xy}(44.1378, 0.2286, 0.3104)$

Have a look what the booklet for
Yxy(44.1378, 0.2286, 0.3104)
contains.

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Color

Yxy(44.1127, 0.2284, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	3EC2CF
RGB	62, 194, 207
RGB Percent	24%, 76%, 81%
CMY	0.7566, 0.2392, 0.1883
CMYK	0.70, 0.06, 0.00, 0.19
HSL	185°, 60%, 53%
HSV	185°, 70%, 81%
XYZ	32.5431, 44.1127, 65.8271
YIQ	156.0140, -82.8450, -23.9410

Conversions

Conversions Part 2

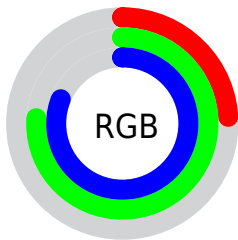
Format	Color
R _{YB}	62, 131, 207
Decimal	4113103
CIE Lab	72.30, -30.83, -16.87
CIE LCh	72, 35.139, 208.683
Yxy	44.1127, 0.2284, 0.3096
Android (android.graphics.Color)	4282303183 (0xFF3EC2CF)
YUV	156.0140, 25.1361, -82.4503
Hunter-Lab	66.4174, -28.7693, -12.2709

Details

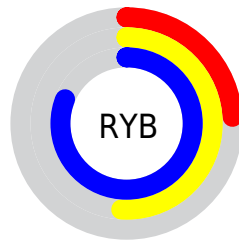
The Yxy color **44.1127, 0.2284, 0.3096** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **18.6543, 0.5352, 0.3428**, and the grayscale version is **33.1747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8815, 0.2469, 0.3242**, and **21.0561, 0.2174, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **42.7459, 0.2228, 0.3065**, and if you desaturate by 10%, it is **45.7479, 0.2359, 0.3127**.

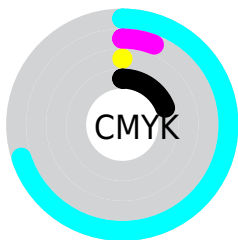
Distribution



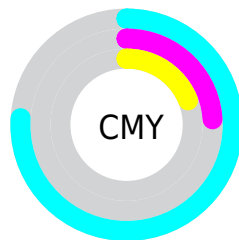
- Red (24%)
- Green (76%)
- Blue (81%)



- Red (24%)
- Yellow (51%)
- Blue (81%)



- Cyan (70%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)





- Cyan (76%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1127, 0.2284, 0.3096 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 44.1127, 0.2284, 0.3096 by changing the saturation by 10% instead.


 44.1127, 0.2284,
0.3096

 44.1127, 0.2284,
0.3096

363.1680, 0.2695,
0.3206

 30.7591, 0.2185,
0.3065


 81.3873, 0.2431,
0.3139

 20.4155, 0.2061,
0.3022

 106.0771, 0.2487,
0.3154


 12.6974, 0.1901,
0.2962


 135.3145, 0.2534,
0.3167

 7.2205, 0.1688,
0.2873

 169.4837, 0.2575,
0.3178

 3.6004, 0.1395,
0.2728

 208.9693, 0.2611,
0.3186

 1.4526, 0.0927,
0.2484

254.1556, 0.2643,

 0.2550, 0.0000,

0.3194

0.1417

305.4271, 0.2671,
0.3201

0.0000, 0.0000,
0.0000

44.1127, 0.2284,
0.3096

44.1127, 0.2284,
0.3096

42.7459, 0.2228,
0.3065

45.7479, 0.2359,
0.3127

41.6119, 0.2191,
0.3035

47.6725, 0.2453,
0.3157

40.6565, 0.2168,
0.3004

49.9110, 0.2564,
0.3187

52.4837, 0.2690,
0.3215

55.4094, 0.2827,
0.3242

■ 58.7052, 0.2974,
0.3267

■ 62.3874, 0.3127,
0.3290

■ 66.4709, 0.3283,
0.3311

■ 70.9702, 0.3440,
0.3329

Harmonies

Analogous

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



44.1127, 0.2555, 0.3594



44.1127, 0.2284, 0.3096



44.1127, 0.2223, 0.2711

Triad

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



44.1127, 0.2284, 0.3096



44.1127, 0.3206, 0.2686



44.1127, 0.3901, 0.4078

Complementary

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



44.1127, 0.2284, 0.3096



18.6543, 0.5352, 0.3428

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.



44.1127, 0.4117, 0.3763



44.1127, 0.2284, 0.3096



44.1127, 0.3703, 0.2990

Square

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



44.1127, 0.2284, 0.3096



44.1127, 0.2723, 0.2515



44.1127, 0.4048, 0.3371



44.1127, 0.3483, 0.4198

Rectangle

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



44.1127, 0.2284, 0.3096



44.1127, 0.2302, 0.2559



44.1127, 0.4048, 0.3371



44.1127, 0.4001, 0.3988

Sweetspot

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



44.1143, 0.2284, 0.3096



88.1943, 0.2810, 0.3239



46.1462, 0.2979, 0.5381



18.5885, 0.2770, 0.3232



0.0000, 0.0000, 0.0000



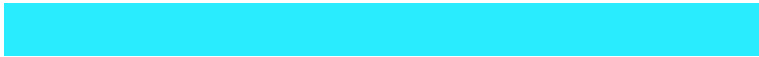
21.4041, 0.3127, 0.3290

Same Dimension

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



44.1143, 0.2284, 0.3096



67.5583, 0.2207, 0.3050



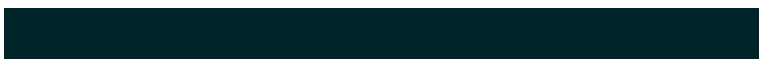
19.5622, 0.1996, 0.1926



13.2182, 0.2983, 0.3268



25.6889, 0.2169, 0.3009



1.4906, 0.2185, 0.3064

Inverse Universe

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



20.6125, 0.3355, 0.1859



28.8761, 0.3406, 0.1721



34.3595, 0.4588, 0.4264



11.9900, 0.3151, 0.3081



10.6646, 0.3447, 0.1672



0.6018, 0.3398, 0.1646

Previews

White Background



This preview shows how the Yxy color 44.1127, 0.2284, 0.3096 looks on a white background.

Color Contrast Check

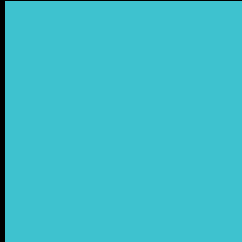
Large Text (above 18pt) WCAG AA × Fail

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 44.1127, 0.2284, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

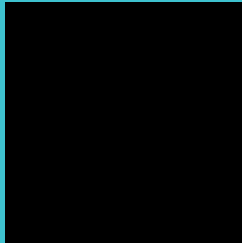
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1127, 0.2284, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 44.1127, 0.2284, 0.3096.



This preview shows how white text looks on a background with the Yxy color 44.1127, 0.2284, 0.3096.

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

44.1127, 0.2284, 0.3096

Protanopia

43.5987, 0.2960, 0.3027

Deuteranopia

43.3725, 0.2841, 0.2780



Tritanopia

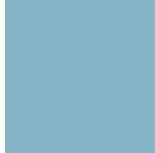
44.2770, 0.2281, 0.3068

Trichromacy



Original Color

44.1127, 0.2284, 0.3096



Protanomaly

42.5660, 0.2630, 0.3049



Deuteranomaly

42.3640, 0.2565, 0.2876



Tritanomaly

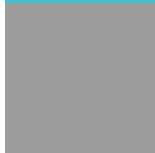
44.1944, 0.2282, 0.3082

Monochromacy



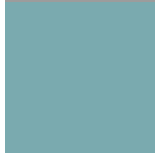
Original Color

44.1127, 0.2284, 0.3096



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

35.9822, 0.2690, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1127, 0.2284, 0.3096 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(62, 194, 207)` looks like.

```
.text, #text, p{  
    color:rgb(62, 194, 207)  
}
```

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(62, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 194, 207) }
```

Border

The CSS property to change the border of an element to Yxy 44.1127, 0.2284, 0.3096 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(62, 194, 207) }
```

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

```
.border{ border-color:rgb(62, 194, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(62, 194,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1127, 0.2284, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 194, 207) }
```

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

```
.background{ background-color: rgb(62, 194,  
207) }
```

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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