

Converting Colors

$Yxy(48.2474, 0.2223, 0.3143)$

Have a look what the booklet for
Yxy(48.2474, 0.2223, 0.3143)
contains.

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Color

Yxy(48.2474, 0.2223, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	19CCD6
RGB	25, 204, 214
RGB Percent	10%, 80%, 84%
CMY	0.9034, 0.2000, 0.1608
CMYK	0.88, 0.05, 0.00, 0.16
HSL	183°, 79%, 47%
HSV	183°, 88%, 84%
XYZ	34.1247, 48.2474, 71.1354
YIQ	151.6190, -109.8940, -34.8380

Conversions

Conversions Part 2

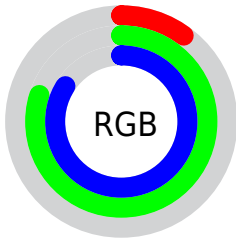
Format	Color
RYB	25, 117, 214
Decimal	1690838
CIELab	74.98, -36.79, -16.68
CIELCh	75, 40.393, 204.388
Yxy	48.2474, 0.2223, 0.3143
Android (android.graphics.Color)	4279880918 (0xFF19CCD6)
YUV	151.6190, 30.7538, -111.0449
Hunter-Lab	69.4603, -33.8615, -12.0975

Details

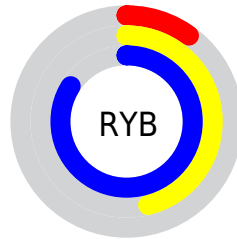
The Yxy color **48.2474, 0.2223, 0.3143** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **15.5460, 0.6136, 0.3348**, and the grayscale version is **31.0817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2507, 0.2423, 0.3288**, and **23.9981, 0.2193, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **47.5330, 0.2203, 0.3126**, and if you desaturate by 10%, it is **49.1676, 0.2258, 0.3161**.

Distribution



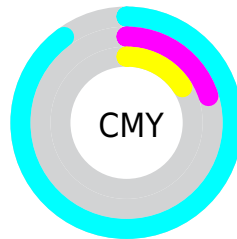
- Red (10%)
- Green (80%)
- Blue (84%)



- Red (10%)
- Yellow (46%)
- Blue (84%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)





- Cyan (90%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2474, 0.2223, 0.3143 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 48.2474, 0.2223, 0.3143 by changing the saturation by 10% instead.


 48.2474, 0.2223,
0.3143

 48.2474, 0.2223,
0.3143


379.7719, 0.2657,
0.3231


 34.0228, 0.2121,
0.3117


 87.5726, 0.2376,
0.3178


 22.9112, 0.1995,
0.3082


 113.4421, 0.2435,
0.3190

 14.5279, 0.1833,
0.3032


 143.9620, 0.2485,
0.3200

 8.4887, 0.1622,
0.2957

 179.5168, 0.2529,
0.3208

 4.4092, 0.1337,
0.2835

 220.4907, 0.2567,
0.3215

 1.9050, 0.0933,
0.2620

267.2683, 0.2600,

 0.5514, 0.0000,

0.3221

0.2153

320.2339, 0.2630,
0.3226

■ 0.0000, 0.0000,
0.0000

■ 48.2474, 0.2223,
0.3143

■ 48.2474, 0.2223,
0.3143

■ 47.5330, 0.2203,
0.3126

■ 49.1676, 0.2258,
0.3161

■ 47.4316, 0.2201,
0.3123

■ 50.3375, 0.2312,
0.3179

■ 51.7912, 0.2386,
0.3196

■ 53.5563, 0.2478,
0.3214

■ 55.6570, 0.2587,
0.3231

■ 58.1151, 0.2712,
0.3248

■ 60.9506, 0.2850,
0.3264

■ 64.1821, 0.2997,
0.3278

■ 67.8267, 0.3151,
0.3292

Harmonies

Analogous

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



48.2474, 0.2549, 0.3710



48.2474, 0.2223, 0.3143



48.2474, 0.2125, 0.2692

Triad

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



48.2474, 0.2223, 0.3143



48.2474, 0.3130, 0.2587



48.2474, 0.4035, 0.4120

Complementary

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



48.2474, 0.2223, 0.3143



15.5460, 0.6136, 0.3348

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.



48.2474, 0.4239, 0.3745



48.2474, 0.2223, 0.3143



48.2474, 0.3695, 0.2901

Square

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



48.2474, 0.2223, 0.3143



48.2474, 0.2610, 0.2424



48.2474, 0.4117, 0.3310



48.2474, 0.3592, 0.4305

Rectangle

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



48.2474, 0.2223, 0.3143



48.2474, 0.2189, 0.2506



48.2474, 0.4117, 0.3310



48.2474, 0.4136, 0.4008

Sweetspot

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



48.2492, 0.2223, 0.3143



86.9016, 0.2728, 0.3250



48.4142, 0.2990, 0.5854



18.3124, 0.2683, 0.3244



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.



48.2492, 0.2223, 0.3143



70.4529, 0.2200, 0.3121



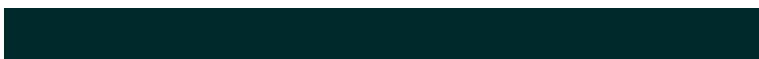
16.1775, 0.1808, 0.1617



13.9903, 0.2983, 0.3277



28.7168, 0.2202, 0.3126



1.7672, 0.2210, 0.3156

Inverse Universe

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



19.3371, 0.3328, 0.1651



27.6434, 0.3349, 0.1618



30.0108, 0.5064, 0.4254



12.6209, 0.3146, 0.3072



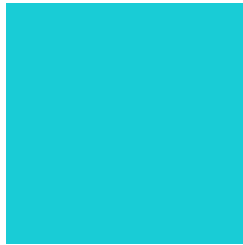
11.2438, 0.3345, 0.1616



0.6817, 0.3319, 0.1602

Previews

White Background



This preview shows how the Yxy color 48.2474, 0.2223, 0.3143 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 48.2474, 0.2223, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

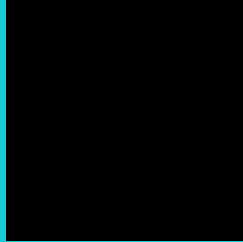
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2474, 0.2223, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 48.2474, 0.2223, 0.3143.



This preview shows how white text looks on a background with the Yxy color 48.2474, 0.2223, 0.3143.

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

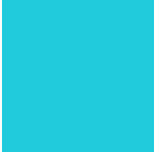
48.2474, 0.2223, 0.3143

Protanopia

47.4498, 0.2981, 0.3061

Deuteranopia

47.4748, 0.2851, 0.2787



Tritanopia

48.2193, 0.2206, 0.3046

Trichromacy



Original Color

48.2474, 0.2223, 0.3143



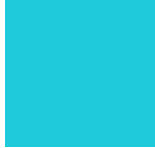
Protanomaly

45.5198, 0.2553, 0.3079



Deuteranomaly

45.3884, 0.2482, 0.2882



Tritanomaly

48.0651, 0.2210, 0.3073

Monochromacy



Original Color

48.2474, 0.2223, 0.3143



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

35.2851, 0.2582, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2474, 0.2223, 0.3143 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(25, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(25, 204, 214)  
}
```

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(25, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 204, 214) }
```

Border

The CSS property to change the border of an element to Yxy 48.2474, 0.2223, 0.3143 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(25, 204, 214) }
```

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

```
.border{ border-color:rgb(25, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(25, 204,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2474, 0.2223, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 204, 214) }
```

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

```
.background{ background-color: rgb(25, 204,  
214) }
```

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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