

Converting Colors

$Yxy(44.9267, 0.2284, 0.3055)$

Have a look what the booklet for
Yxy(44.9267, 0.2284, 0.3055)
contains.

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Color

Yxy(44.9267, 0.2284, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	43C3D3
RGB	67, 195, 211
RGB Percent	26%, 76%, 83%
CMY	0.7373, 0.2353, 0.1725
CMYK	0.68, 0.08, 0.00, 0.17
HSL	187°, 62%, 55%
HSV	187°, 68%, 83%
XYZ	33.5884, 44.9267, 68.5445
YIQ	158.5520, -81.4240, -22.1600

Conversions

Conversions Part 2

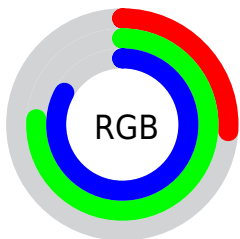
Format	Color
RYB	67, 135, 211
Decimal	4441043
CIELab	72.84, -29.45, -18.23
CIElCh	73, 34.635, 211.760
Yxy	44.9267, 0.2284, 0.3055
Android (android.graphics.Color)	4282631123 (0xFF43C3D3)
YUV	158.5520, 25.8569, -80.2911
Hunter-Lab	67.0274, -27.8489, -13.7128

Details

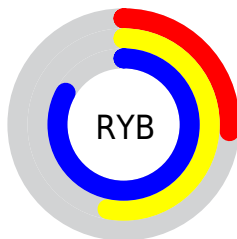
The Yxy color **44.9267, 0.2284, 0.3055** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **20.4436, 0.5247, 0.3463**, and the grayscale version is **34.3622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8274, 0.2487, 0.3254**, and **21.4501, 0.2164, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **43.2703, 0.2222, 0.3016**, and if you desaturate by 10%, it is **46.8746, 0.2365, 0.3094**.

Distribution



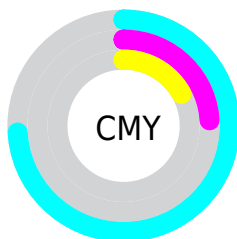
- Red (26%)
- Green (76%)
- Blue (83%)



- Red (26%)
- Yellow (53%)
- Blue (83%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)




- Cyan (74%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9267, 0.2284, 0.3055 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 44.9267, 0.2284, 0.3055 by changing the saturation by 10% instead.


 44.9267, 0.2284,
0.3055


 44.9267, 0.2284,
0.3055


366.4766, 0.2694,
0.3185


 31.3997, 0.2186,
0.3019


 82.6104, 0.2430,
0.3105

 20.9034, 0.2064,
0.2971


 107.5359, 0.2485,
0.3123

 13.0534, 0.1906,
0.2904


 137.0297, 0.2533,
0.3138

 7.4653, 0.1697,
0.2805

 171.4761, 0.2574,
0.3151

 3.7548, 0.1410,
0.2650

211.2596, 0.2610,
0.3161

 1.5374, 0.0982,
0.2386

256.7646, 0.2641,

 0.3148, 0.0000,

0.3170

0.1506

308.3755, 0.2669,
0.3178

0.0000, 0.0000,
0.0000

44.9267, 0.2284,
0.3055

44.9267, 0.2284,
0.3055

43.2703, 0.2222,
0.3016

46.8746, 0.2365,
0.3094

41.8690, 0.2179,
0.2978

49.1355, 0.2465,
0.3132

40.6782, 0.2152,
0.2939

51.7344, 0.2581,
0.3168

40.4804, 0.2148,
0.2933

54.6926, 0.2711,
0.3203

58.0293, 0.2852,
0.3236

61.7624, 0.3000,
0.3267

65.9087, 0.3154,
0.3295

70.4838, 0.3310,
0.3320

75.1409, 0.3452,
0.3343

Harmonies

Analogous

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



44.9267, 0.2530, 0.3537



44.9267, 0.2284, 0.3055



44.9267, 0.2246, 0.2694

Triad

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



44.9267, 0.2284, 0.3055



44.9267, 0.3257, 0.2722



44.9267, 0.3851, 0.4086

Complementary

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



44.9267, 0.2284, 0.3055



20.4436, 0.5247, 0.3463

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.



44.9267, 0.4087, 0.3792



44.9267, 0.2284, 0.3055



44.9267, 0.3736, 0.3032

Square

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



44.9267, 0.2284, 0.3055



44.9267, 0.2775, 0.2539



44.9267, 0.4049, 0.3411



44.9267, 0.3428, 0.4175

Rectangle

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



44.9267, 0.2284, 0.3055



44.9267, 0.2338, 0.2558



44.9267, 0.4049, 0.3411



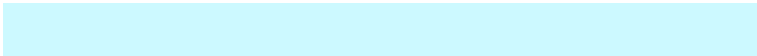
44.9267, 0.3956, 0.4005

Sweetspot

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



44.9284, 0.2284, 0.3055



88.0115, 0.2823, 0.3230



48.3928, 0.2970, 0.5302



18.5208, 0.2783, 0.3221



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.



44.9284, 0.2284, 0.3055



65.3675, 0.2200, 0.2998



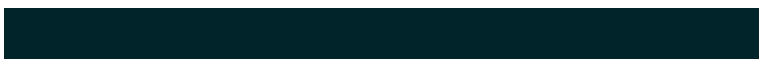
20.4619, 0.2009, 0.1925



13.1731, 0.2983, 0.3263



24.5177, 0.2150, 0.2939



1.4364, 0.2169, 0.3009

Inverse Universe

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



21.8043, 0.3387, 0.1907



29.0178, 0.3449, 0.1764



37.1728, 0.4526, 0.4277



11.9855, 0.3155, 0.3086



10.5463, 0.3509, 0.1707



0.5963, 0.3447, 0.1672

Previews

White Background



This preview shows how the Yxy color 44.9267, 0.2284, 0.3055 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 44.9267, 0.2284, 0.3055 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 44.9267, 0.2284, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 44.9267, 0.2284, 0.3055.



This preview shows how white text looks on a background with the Yxy color 44.9267, 0.2284, 0.3055.

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

44.9267, 0.2284, 0.3055

Protanopia

44.1729, 0.2930, 0.2990

Deuteranopia

44.4601, 0.2821, 0.2761



Tritanopia

44.9267, 0.2284, 0.3055

Trichromacy



Original Color

44.9267, 0.2284, 0.3055



Protanomaly

43.3297, 0.2620, 0.3011



Deuteranomaly

43.5452, 0.2558, 0.2855



Tritanomaly

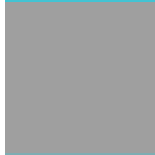
44.9267, 0.2284, 0.3055

Monochromacy



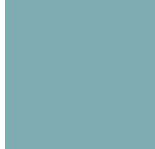
Original Color

44.9267, 0.2284, 0.3055



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

37.1550, 0.2702, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9267, 0.2284, 0.3055 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, 195, 211)` looks like.

```
.text, #text, p{  
    color:rgb(67, 195, 211)  
}
```

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, 195, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 195, 211) }
```

Border

The CSS property to change the border of an element to Yxy 44.9267, 0.2284, 0.3055 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, 195, 211) }
```

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

```
.border{ border-color:rgb(67, 195, 211) }
```

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

Here you see how a box with a 4 pixel rgb(67, 195, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 195, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 195, 211);  
box-shadow:4px 4px 4px 4px rgb(67, 195,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9267, 0.2284, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 195, 211) }
```

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

```
.background{ background-color: rgb(67, 195,  
211) }
```

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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