

Converting Colors

$Yxy(39.6028, 0.2204, 0.2777)$

Have a look what the booklet for
Yxy(39.6028, 0.2204, 0.2777)
contains.

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Color

Yxy(39.5895, 0.2203, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	41B6D9
RGB	65, 182, 217
RGB Percent	25%, 71%, 85%
CMY	0.7455, 0.2862, 0.1489
CMYK	0.70, 0.16, 0.00, 0.15
HSL	194°, 67%, 55%
HSV	194°, 70%, 85%
XYZ	31.4291, 39.5895, 71.6463
YIQ	151.0070, -80.9670, -13.9190

Conversions

Conversions Part 2

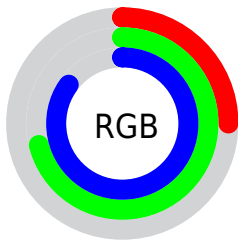
Format	Color
RYB	65, 131, 217
Decimal	4306649
CIELab	69.18, -21.38, -27.10
CIELCh	69, 34.522, 231.725
Yxy	39.5895, 0.2203, 0.2775
Android (android.graphics.Color)	4282496729 (0xFF41B6D9)
YUV	151.0070, 32.5345, -75.4281
Hunter-Lab	62.9202, -20.9483, -23.4685

Details

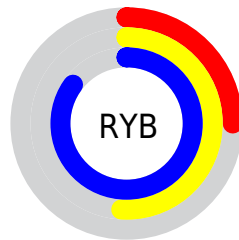
The Yxy color **39.5895, 0.2203, 0.2775** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **24.2329, 0.5153, 0.3660**, and the grayscale version is **30.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1944, 0.2448, 0.3090**, and **18.3091, 0.2064, 0.2629** is the 20% darker color. If you saturate the color by 10%, you get **36.9786, 0.2128, 0.2689**, and if you desaturate by 10%, it is **42.5604, 0.2297, 0.2860**.

Distribution



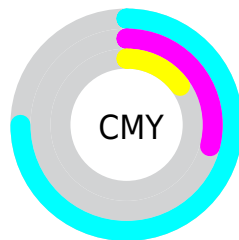
- Red (25%)
- Green (71%)
- Blue (85%)



- Red (25%)
- Yellow (51%)
- Blue (85%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5895, 0.2203, 0.2775 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 39.5895, 0.2203, 0.2775 by changing the saturation by 10% instead.

■ 39.5895, 0.2203,
0.2775

■ 39.5895, 0.2203,
0.2775

■ 344.3903, 0.2658,
0.3048

■ 27.2186, 0.2094,
0.2703

■ 74.5380, 0.2366,
0.2877

■ 17.7375, 0.1956,
0.2610

■ 97.8844, 0.2427,
0.2915

■ 10.7617, 0.1780,
0.2484

■ 125.6582, 0.2480,
0.2946

■ 5.9068, 0.1546,
0.2306

■ 158.2436, 0.2525,
0.2973

■ 2.7885, 0.1229,
0.2041

■ 196.0252, 0.2565,
0.2995

■ 1.0223, 0.0711,
0.1639

■ 239.3872, 0.2600,

■ 0.0000, 0.0000,

0.3015

0.0000

288.7141, 0.2630,
0.3033

■ 39.5895, 0.2203,
0.2775

■ 39.5895, 0.2203,
0.2775

■ 36.9786, 0.2128,
0.2689

■ 42.5604, 0.2297,
0.2860

■ 34.6881, 0.2072,
0.2604

■ 45.9170, 0.2409,
0.2942

■ 32.6751, 0.2034,
0.2521

■ 49.6871, 0.2536,
0.3022

■ 53.8942, 0.2674,
0.3097

■ 58.5600, 0.2820,
0.3166

■ 63.7047, 0.2972,
0.3231

■ 69.3468, 0.3126,
0.3289

■ 75.5040, 0.3279,
0.3342

■ 81.1903, 0.3392,
0.3390

Harmonies

Analogous

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



39.5895, 0.2315, 0.3204



39.5895, 0.2203, 0.2775



39.5895, 0.2309, 0.2531

Triad

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



39.5895, 0.2203, 0.2775



39.5895, 0.3604, 0.2903



39.5895, 0.3599, 0.4211

Complementary

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



39.5895, 0.2203, 0.2775



24.2329, 0.5153, 0.3660

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.



39.5895, 0.3988, 0.4030



39.5895, 0.2203, 0.2775



39.5895, 0.4006, 0.3278

Square

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



39.5895, 0.2203, 0.2775



39.5895, 0.3086, 0.2622



39.5895, 0.4146, 0.3681



39.5895, 0.3102, 0.4108

Rectangle

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



39.5895, 0.2203, 0.2775



39.5895, 0.2494, 0.2480



39.5895, 0.4146, 0.3681



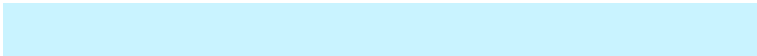
39.5895, 0.3747, 0.4177

Sweetspot

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



39.5909, 0.2203, 0.2775



83.6066, 0.2804, 0.3159



51.6374, 0.2897, 0.5124



17.4842, 0.2763, 0.3140



0.0000, 0.0000, 0.0000



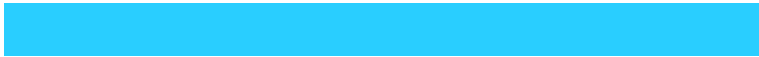
21.4041, 0.3127, 0.3290

Same Dimension

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



39.5909, 0.2203, 0.2775



51.6850, 0.2100, 0.2650



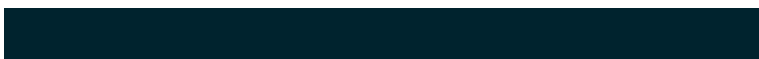
16.8560, 0.1915, 0.1609



14.2949, 0.2982, 0.3235



19.9420, 0.2037, 0.2533



1.4184, 0.2075, 0.2671

Inverse Universe

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



21.9017, 0.3631, 0.2041



27.2737, 0.3766, 0.1933



45.3773, 0.4405, 0.4472



13.2209, 0.3173, 0.3112



10.6369, 0.3889, 0.1916



0.7019, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 39.5895, 0.2203, 0.2775 looks on a white background.

Color Contrast Check

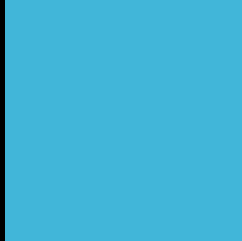
Large Text (above 18pt) WCAG AA × Fail

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 39.5895, 0.2203, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

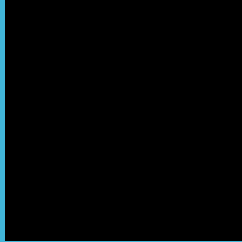
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5895, 0.2203, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 39.5895, 0.2203, 0.2775.

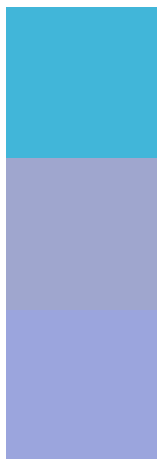


This preview shows how white text looks on a background with the Yxy color 39.5895, 0.2203, 0.2775.

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

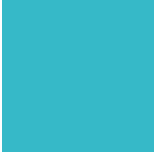
39.5895, 0.2203, 0.2775

Protanopia

39.0996, 0.2751, 0.2752

Deuteranopia

39.0993, 0.2616, 0.2556



Tritanopia

39.6523, 0.2259, 0.3057

Trichromacy



Original Color

39.5895, 0.2203, 0.2775

Protanomaly

38.5182, 0.2490, 0.2753

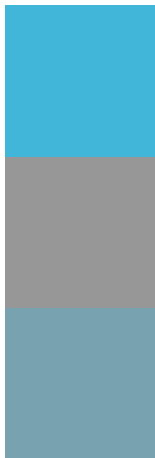
Deuteranomaly

38.4307, 0.2412, 0.2611

Tritanomaly

39.6368, 0.2239, 0.2955

Monochromacy



Original Color

39.5895, 0.2203, 0.2775

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.9289, 0.2661, 0.3085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5895, 0.2203, 0.2775 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(65, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(65, 182, 217)  
}
```

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(65, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 182, 217) }
```

Border

The CSS property to change the border of an element to Yxy 39.5895, 0.2203, 0.2775 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(65, 182, 217) }
```

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

```
.border{ border-color:rgb(65, 182, 217) }
```

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

Here you see how a box with a 4 pixel rgb(65, 182, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(65, 182,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5895, 0.2203, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 182, 217) }
```

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

```
.background{ background-color: rgb(65, 182,  
217) }
```

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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