

Converting Colors

$Yxy(39.3444, 0.2656, 0.3085)$

Have a look what the booklet for
Yxy(39.3444, 0.2656, 0.3085)
contains.

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Color

Yxy(39.5142, 0.2656, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	82B0BE
RGB	130, 176, 190
RGB Percent	51%, 69%, 75%
CMY	0.4904, 0.3097, 0.2549
CMYK	0.32, 0.07, 0.00, 0.25
HSL	194°, 32%, 63%
HSV	194°, 32%, 75%
XYZ	34.0194, 39.5142, 54.5514
YIQ	163.8420, -31.9100, -5.3980

Conversions

Conversions Part 2

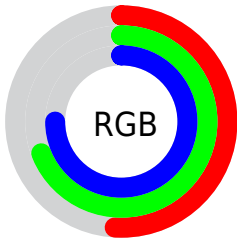
Format	Color
RYB	130, 156, 190
Decimal	8564926
CIELab	69.12, -11.90, -12.08
CIElCh	69, 16.962, 225.436
Yxy	39.5142, 0.2656, 0.3085
Android (android.graphics.Color)	4286755006 (0xFF82B0BE)
YUV	163.8420, 12.8959, -29.6794
Hunter-Lab	62.8603, -13.4032, -7.4508

Details

The Yxy color **39.5142, 0.2656, 0.3085** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.4852, 0.3779, 0.3485**, and the grayscale version is **36.9902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6813, 0.2748, 0.3134**, and **17.5918, 0.2515, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **36.4425, 0.2520, 0.3009**, and if you desaturate by 10%, it is **42.9231, 0.2801, 0.3156**.

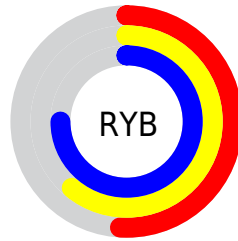
Distribution



Red (51%)

Green (69%)

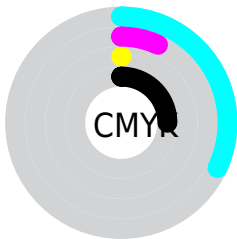
Blue (75%)



Red (51%)

Yellow (61%)

Blue (75%)

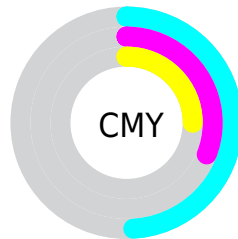


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5142, 0.2656, 0.3085 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 39.5142, 0.2656, 0.3085 by changing the saturation by 10% instead.

■ 39.5142, 0.2656,
0.3085

■ 39.5142, 0.2656,
0.3085

■ 344.0717, 0.2894,
0.3194

■ 27.1600, 0.2596,
0.3056

■ 74.4232, 0.2743,
0.3126

■ 17.6934, 0.2518,
0.3017

■ 97.7467, 0.2776,
0.3141

■ 10.7301, 0.2415,
0.2964

■ 125.4955, 0.2803,
0.3153

■ 5.8856, 0.2269,
0.2886

■ 158.0539, 0.2827,
0.3164

■ 2.7757, 0.2052,
0.2760

■ 195.8064, 0.2847,
0.3173

■ 1.0158, 0.1674,
0.2540

■ 239.1372, 0.2865,

■ 0.0000, 0.0000,

0.3181

0.0000

288.4309, 0.2880,
0.3188

■ 39.5142, 0.2656,
0.3085

■ 39.5142, 0.2656,
0.3085

■ 36.4425, 0.2520,
0.3009

■ 42.9231, 0.2801,
0.3156

■ 33.6873, 0.2396,
0.2929

■ 46.6790, 0.2950,
0.3221

■ 31.2330, 0.2286,
0.2846

■ 50.7973, 0.3103,
0.3281

■ 29.0603, 0.2194,
0.2761

■ 55.2907, 0.3255,
0.3335

■ 27.1472, 0.2121,
0.2675

■ 60.1716, 0.3405,
0.3383

■ 25.4676, 0.2067,
0.2589

■ 65.4513, 0.3551,
0.3426

■ 24.1969, 0.2033,
0.2518

■ 69.6021, 0.3629,
0.3467

■ 71.7770, 0.3617,
0.3512

■ 74.0124, 0.3606,
0.3556

Harmonies

Analogous

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



39.5142, 0.2744, 0.3310



39.5142, 0.2656, 0.3085



39.5142, 0.2688, 0.2929

Triad

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



39.5142, 0.2656, 0.3085



39.5142, 0.3314, 0.3058



39.5142, 0.3418, 0.3732

Complementary

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



39.5142, 0.2656, 0.3085



32.4852, 0.3779, 0.3485

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.



39.5142, 0.3582, 0.3641



39.5142, 0.2656, 0.3085



39.5142, 0.3523, 0.3252

Square

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



39.5142, 0.2656, 0.3085



39.5142, 0.3060, 0.2921



39.5142, 0.3623, 0.3463



39.5142, 0.3179, 0.3698

Rectangle

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



39.5142, 0.2656, 0.3085



39.5142, 0.2773, 0.2880



39.5142, 0.3623, 0.3463



39.5142, 0.3484, 0.3714

Sweetspot

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



39.5158, 0.2656, 0.3085



86.3609, 0.2988, 0.3237



43.5525, 0.2994, 0.4004



18.7296, 0.2965, 0.3227



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.5158, 0.2656, 0.3085



67.6408, 0.2560, 0.3032



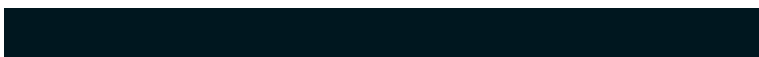
29.3152, 0.2603, 0.2639



10.4225, 0.2985, 0.3235



16.2128, 0.2036, 0.2529



0.7285, 0.2092, 0.2732

Inverse Universe

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



30.0338, 0.3308, 0.2681



48.1985, 0.3359, 0.2546



42.4406, 0.3661, 0.3865



9.6572, 0.3172, 0.3116



8.6664, 0.3893, 0.1918



0.3489, 0.3698, 0.1811

Previews

White Background



This preview shows how the Yxy color 39.5142, 0.2656, 0.3085 looks on a white background.

Color Contrast Check

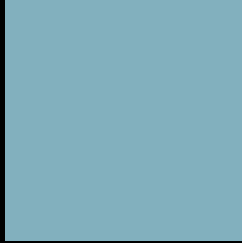
Large Text (above 18pt) WCAG AA × Fail

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 39.5142, 0.2656, 0.3085 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 39.5142, 0.2656, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 39.5142, 0.2656, 0.3085.



This preview shows how white text looks on a background with the Yxy color 39.5142, 0.2656, 0.3085.

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

39.5142, 0.2656, 0.3085

Protanopia

39.2051, 0.2977, 0.3056

Deuteranopia

39.2854, 0.2965, 0.2903



Tritanopia

39.5142, 0.2656, 0.3085

Trichromacy



Original Color

39.5142, 0.2656, 0.3085

Protanomaly

39.0669, 0.2852, 0.3064

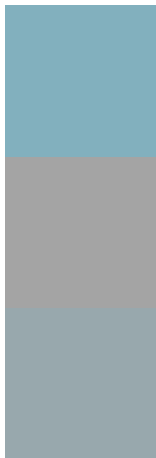
Deuteranomaly

38.9791, 0.2839, 0.2957

Tritanomaly

39.5142, 0.2656, 0.3085

Monochromacy



Original Color

39.5142, 0.2656, 0.3085

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.6978, 0.2944, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5142, 0.2656, 0.3085 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(130, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(130, 176, 190)  
}
```

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(130, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 176, 190) }
```

Border

The CSS property to change the border of an element to Yxy 39.5142, 0.2656, 0.3085 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(130, 176, 190) }
```

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

```
.border{ border-color:rgb(130, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(130, 176,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5142, 0.2656, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 176, 190) }
```

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

```
.background{ background-color: rgb(130,  
176, 190) }
```

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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