

Converting Colors

$Yxy(38.1008, 0.2428, 0.3541)$

Have a look what the booklet for
Yxy(38.1008, 0.2428, 0.3541)
contains.

Yxy(38.1062, 0.2428, 0.3535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.1062, 0.2428, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	3CB8A9
RGB	60, 184, 169
RGB Percent	24%, 72%, 66%
CMY	0.7641, 0.2785, 0.3372
CMYK	0.67, 0.00, 0.08, 0.28
HSL	173°, 51%, 48%
HSV	173°, 67%, 72%
XYZ	26.1731, 38.1062, 43.5176
YIQ	145.2140, -69.0890, -30.9530

Conversions

Conversions Part 2

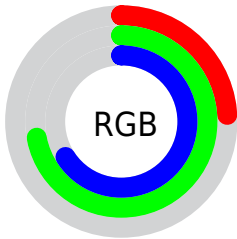
Format	Color
RYB	60, 126, 184
Decimal	3979433
CIELab	68.10, -37.20, -2.32
CIElCh	68, 37.274, 183.573
Yxy	38.1062, 0.2428, 0.3535
Android (android.graphics.Color)	4282169513 (0xFF3CB8A9)
YUV	145.2140, 11.7265, -74.7327
Hunter-Lab	61.7302, -32.3454, 1.4138




Details

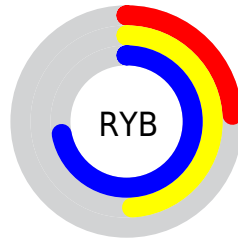
The Yxy color **38.1062, 0.2428, 0.3535** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **13.9473, 0.5060, 0.3114**, and the grayscale version is **28.3975, 0.3127, 0.3290**.




A 20% lighter version of the original color is **72.5034, 0.2560, 0.3498**, and **17.2496, 0.2331, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **37.5464, 0.2385, 0.3577**, and if you desaturate by 10%, it is **38.8697, 0.2490, 0.3494**.

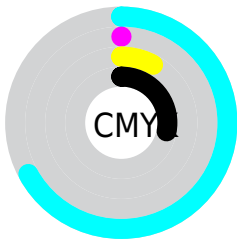
Distribution







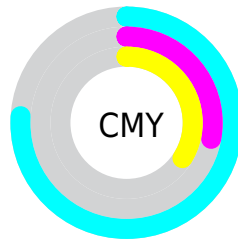
-  Red (24%)
-  Green (72%)
-  Blue (66%)






-  Red (24%)
-  Yellow (49%)
-  Blue (72%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (8%)
-  Black (28%)




-  Cyan (76%)
-  Magenta (28%)
-  Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1062, 0.2428, 0.3535 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 38.1062, 0.2428, 0.3535 by changing the saturation by 10% instead.


 38.1062, 0.2428,
0.3535


 38.1062, 0.2428,
0.3535


338.0753, 0.2785,
0.3413

 26.0651, 0.2337,
0.3565


 72.2709, 0.2559,
0.3491


 16.8724, 0.2220,
0.3604

 95.1633, 0.2608,
0.3474

 10.1435, 0.2062,
0.3654


 122.4416, 0.2649,
0.3460

 5.4942, 0.1841,
0.3723

 154.4902, 0.2684,
0.3448

 2.5401, 0.1512,
0.3818

 191.6934, 0.2714,
0.3437

 0.8966, 0.0000,
0.4382

234.4358, 0.2741,

 0.0000, 0.0000,

0.3428

0.0000

283.1016, 0.2764,
0.3420

■ 38.1062, 0.2428,
0.3535

■ 38.1062, 0.2428,
0.3535

■ 37.5464, 0.2385,
0.3577

■ 38.8697, 0.2490,
0.3494

■ 37.1642, 0.2361,
0.3619

■ 39.8511, 0.2569,
0.3453

■ 36.9297, 0.2354,
0.3660

■ 41.0683, 0.2666,
0.3414

■ 36.8763, 0.2353,
0.3671

■ 42.5361, 0.2776,
0.3378

■ 44.2682, 0.2898,
0.3343

■ 46.2772, 0.3028,
0.3311

■ 48.5751, 0.3164,
0.3282

■ 51.1729, 0.3304,
0.3256

■ 54.0812, 0.3444,
0.3233

Harmonies

Analogous

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



38.1062, 0.2883, 0.4053



38.1062, 0.2428, 0.3535



38.1062, 0.2169, 0.2986

Triad

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



38.1062, 0.2428, 0.3535



38.1062, 0.2756, 0.2456



38.1062, 0.4207, 0.3870

Complementary

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



38.1062, 0.2428, 0.3535



13.9473, 0.5060, 0.3114

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.



38.1062, 0.4189, 0.3444



38.1062, 0.2428, 0.3535



38.1062, 0.3306, 0.2670

Square

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



38.1062, 0.2428, 0.3535



38.1062, 0.2346, 0.2422



38.1062, 0.3848, 0.3020



38.1062, 0.3918, 0.4202

Rectangle

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



38.1062, 0.2428, 0.3535



38.1062, 0.2126, 0.2702



38.1062, 0.3848, 0.3020



38.1062, 0.4239, 0.3733

Sweetspot

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



38.1077, 0.2428, 0.3535



79.2537, 0.2860, 0.3353



36.1690, 0.3118, 0.5372



16.8950, 0.2826, 0.3363



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.1077, 0.2428, 0.3535



67.6831, 0.2371, 0.3598



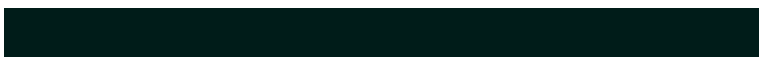
22.7712, 0.2160, 0.2498



10.1914, 0.3001, 0.3318



25.4248, 0.2352, 0.3666



0.9016, 0.2322, 0.3559

Inverse Universe

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



13.9473, 0.5060, 0.3114



20.8213, 0.5708, 0.3138



20.7353, 0.4814, 0.3885



9.0294, 0.3269, 0.3263



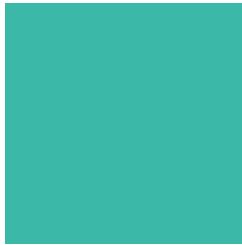
7.0695, 0.6229, 0.3205



0.2550, 0.5706, 0.2917

Previews

White Background



This preview shows how the Yxy color 38.1062, 0.2428, 0.3535 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 38.1062, 0.2428, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

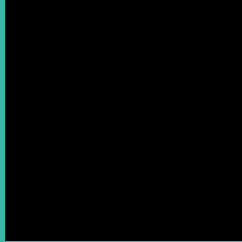
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

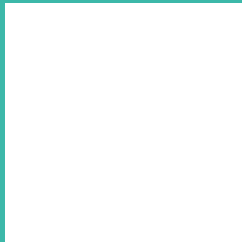
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.1062, 0.2428, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 38.1062, 0.2428, 0.3535.

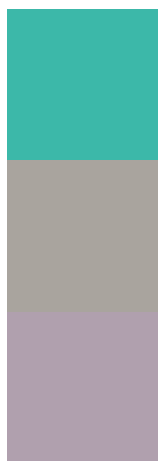


This preview shows how white text looks on a background with the Yxy color 38.1062, 0.2428, 0.3535.

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

38.1062, 0.2428, 0.3535

Protanopia

37.4546, 0.3227, 0.3376

Deuteranopia

37.4277, 0.3155, 0.3098



Tritanopia

37.9991, 0.2325, 0.3056

Trichromacy



Original Color

38.1062, 0.2428, 0.3535



Protanomaly

36.4016, 0.2839, 0.3429



Deuteranomaly

36.4228, 0.2802, 0.3244



Tritanomaly

37.8219, 0.2356, 0.3208

Monochromacy



Original Color

38.1062, 0.2428, 0.3535



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

30.7068, 0.2764, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1062, 0.2428, 0.3535 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(60, 184, 169)` looks like.

```
.text, #text, p{  
    color:rgb(60, 184, 169)  
}
```

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(60, 184, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 184, 169) }
```

Border

The CSS property to change the border of an element to Yxy 38.1062, 0.2428, 0.3535 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(60, 184, 169) }
```

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

```
.border{ border-color:rgb(60, 184, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 184, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 184, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 184, 169);  
box-shadow:4px 4px 4px 4px rgb(60, 184,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1062, 0.2428, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 184, 169) }
```

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

```
.background{ background-color: rgb(60, 184,  
169) }
```

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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