

Converting Colors

$Yxy(38.1116, 0.2038, 0.2525)$

Have a look what the booklet for
Yxy(38.1116, 0.2038, 0.2525)
contains.

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Color

Yxy(38.1051, 0.2038, 0.2524)

Conversions

Conversions Part 1

Format	Color
Hex	06B3E8
RGB	6, 179, 232
RGB Percent	2%, 70%, 91%
CMY	0.9745, 0.2981, 0.0901
CMYK	0.97, 0.23, 0.00, 0.09
HSL	194°, 95%, 47%
HSV	194°, 97%, 91%
XYZ	30.7679, 38.1051, 82.0981
YIQ	133.3150, -120.1210, -20.1930

Conversions

Conversions Part 2

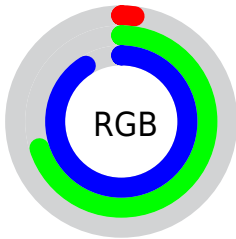
Format	Color
R _{YB}	6, 104, 232
Decimal	439272
CIE Lab	68.10, -19.18, -37.04
CIE LCh	68, 41.709, 242.624
Yxy	38.1051, 0.2038, 0.2524
Android (android.graphics.Color)	4278629352 (0xFF06B3E8)
YUV	133.3150, 48.6517, -111.6553
Hunter-Lab	61.7293, -19.0561, -35.6433

Details

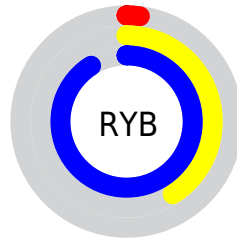
The Yxy color **38.1051, 0.2038, 0.2524** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **20.3581, 0.6067, 0.3538**, and the grayscale version is **23.4846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8879, 0.2359, 0.3049**, and **18.0563, 0.1984, 0.2342** is the 20% darker color. If you saturate the color by 10%, you get **37.4554, 0.2028, 0.2500**, and if you desaturate by 10%, it is **40.5666, 0.2081, 0.2611**.

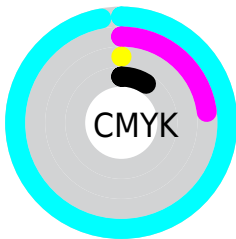
Distribution



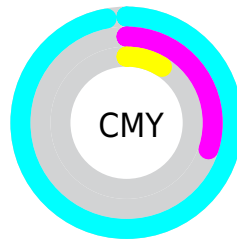
- Red (2%)
- Green (70%)
- Blue (91%)



- Red (2%)
- Yellow (41%)
- Blue (91%)



- Cyan (97%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)





- Cyan (97%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.1051, 0.2038, 0.2524 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 38.1051, 0.2038, 0.2524 by changing the saturation by 10% instead.

 38.1051, 0.2038,
0.2524


 38.1051, 0.2038,
0.2524


338.0706, 0.2569,
0.2921

 26.0643, 0.1913,
0.2424


 72.2692, 0.2226,
0.2670


 16.8717, 0.1758,
0.2295


 95.1613, 0.2298,
0.2724

 10.1431, 0.1562,
0.2126


 122.4392, 0.2360,
0.2770

 5.4939, 0.1310,
0.1897

 154.4874, 0.2413,
0.2809

 2.5399, 0.0985,
0.1577

 191.6902, 0.2460,
0.2843

 0.8965, 0.0487,
0.1137

234.4321, 0.2501,

 0.0000, 0.0000,

0.2873

0.0000

283.0974, 0.2537,
0.2898

■ 38.1051, 0.2038,
0.2524

■ 38.1051, 0.2038,
0.2524

■ 37.4554, 0.2028,
0.2500

■ 40.5666, 0.2081,
0.2611

■ 43.3676, 0.2142,
0.2698

■ 46.5608, 0.2223,
0.2786

■ 50.1861, 0.2324,
0.2873

■ 54.2776, 0.2441,
0.2957

■ 58.8651, 0.2572,
0.3037

■ 63.9760, 0.2714,
0.3113

■ 69.6352, 0.2863,
0.3183

■ 75.8660, 0.3016,
0.3247

Harmonies

Analogous

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



38.1051, 0.2072, 0.2960



38.1051, 0.2038, 0.2524



38.1051, 0.2251, 0.2332

Triad

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



38.1051, 0.2038, 0.2524



38.1051, 0.3916, 0.2973



38.1051, 0.3474, 0.4429

Complementary

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



38.1051, 0.2038, 0.2524



20.3581, 0.6067, 0.3538

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.



38.1051, 0.4016, 0.4293



38.1051, 0.2038, 0.2524



38.1051, 0.4309, 0.3435

Square

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



38.1051, 0.2038, 0.2524



38.1051, 0.3303, 0.2595



38.1051, 0.4336, 0.3908



38.1051, 0.2867, 0.4168

Rectangle

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



38.1051, 0.2038, 0.2524



38.1051, 0.2523, 0.2331



38.1051, 0.4336, 0.3908



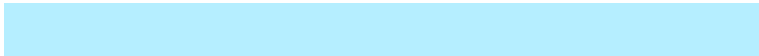
38.1051, 0.3670, 0.4422

Sweetspot

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



38.1064, 0.2038, 0.2524



77.9716, 0.2685, 0.3098



58.0885, 0.2926, 0.5716



16.1026, 0.2624, 0.3066



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.



38.1064, 0.2038, 0.2524



46.2646, 0.2027, 0.2495



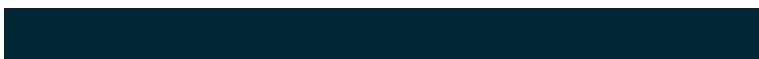
9.8413, 0.1602, 0.0947



15.7316, 0.2981, 0.3233



20.9903, 0.2032, 0.2514



1.6905, 0.2067, 0.2640

Inverse Universe

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



20.5560, 0.3897, 0.1931



25.2016, 0.3927, 0.1937



46.6370, 0.4742, 0.4602



14.5542, 0.3174, 0.3112



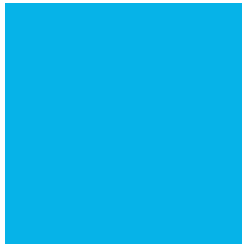
11.3167, 0.3908, 0.1927



0.8503, 0.3785, 0.1859

Previews

White Background



This preview shows how the Yxy color 38.1051, 0.2038, 0.2524 looks on a white background.

Color Contrast Check

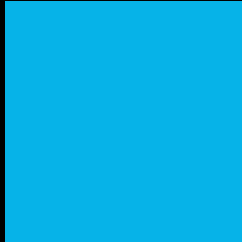
Large Text (above 18pt) WCAG AA × Fail

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 38.1051, 0.2038, 0.2524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

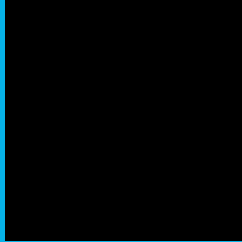
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1051, 0.2038, 0.2524

Background



This preview shows how black text looks on a background with the Yxy color 38.1051, 0.2038, 0.2524.

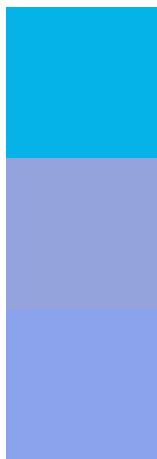


This preview shows how white text looks on a background with the Yxy color 38.1051, 0.2038, 0.2524.

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

38.1051, 0.2038, 0.2524

Protanopia

37.7513, 0.2576, 0.2531

Deuteranopia

37.6538, 0.2406, 0.2339



Tritanopia

37.8982, 0.2185, 0.3066

Trichromacy



Original Color

38.1051, 0.2038, 0.2524



Protanomaly

36.2991, 0.2251, 0.2509



Deuteranomaly

36.5478, 0.2171, 0.2376



Tritanomaly

38.1219, 0.2129, 0.2859

Monochromacy



Original Color

38.1051, 0.2038, 0.2524



Achromatopsia

23.4551, 0.3127, 0.3290



Achromatomaly

26.7035, 0.2438, 0.2959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1051, 0.2038, 0.2524 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(6, 179, 232)` looks like.

```
.text, #text, p{  
    color:rgb(6, 179, 232)  
}
```

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(6, 179, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 179, 232) }
```

Border

The CSS property to change the border of an element to Yxy 38.1051, 0.2038, 0.2524 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(6, 179, 232) }
```

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

```
.border{ border-color:rgb(6, 179, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 179, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 179, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 179, 232);  
box-shadow:4px 4px 4px 4px rgb(6, 179,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1051, 0.2038, 0.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 179, 232) }
```

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

```
.background{ background-color: rgb(6, 179,  
232) }
```

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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