

Converting Colors

$Y_{xy}(10.3930, 0.5108, 0.2789)$

Have a look what the booklet for
Yxy(10.3930, 0.5108, 0.2789)
contains.

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Color

Yxy(10.3860, 0.5108, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	AD1F4C
RGB	173, 31, 76
RGB Percent	68%, 12%, 30%
CMY	0.3216, 0.8784, 0.7020
CMYK	0.00, 0.82, 0.56, 0.32
HSL	341°, 70%, 40%
HSV	341°, 82%, 68%
XYZ	19.0286, 10.3860, 7.8379
YIQ	78.5880, 70.1870, 44.0990

Conversions

Conversions Part 2

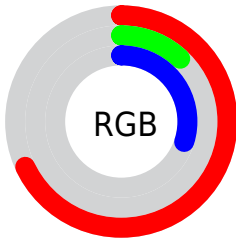
Format	Color
R_{YB}	173, 31, 76
Decimal	11345740
CIE _{Lab}	38.53, 57.47, 10.81
CIE _{LCh}	39, 58.481, 10.656
Yxy	10.3860, 0.5108, 0.2788
Android (android.graphics.Color)	4289535820 (0xFFAD1F4C)
YUV	78.5880, -1.2759, 82.7993
Hunter-Lab	32.2273, 48.9973, 8.1393

Details

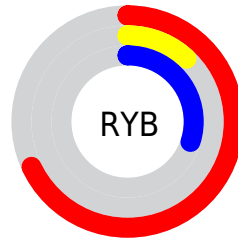
The Yxy color **10.3860, 0.5108, 0.2788** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **31.7390, 0.2531, 0.4139**, and the grayscale version is **7.7289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.6274, 0.4584, 0.2944**, and **3.6872, 0.5693, 0.2910** is the 20% darker color. If you saturate the color by 10%, you get **9.5630, 0.5446, 0.2843**, and if you desaturate by 10%, it is **11.7251, 0.4755, 0.2780**.

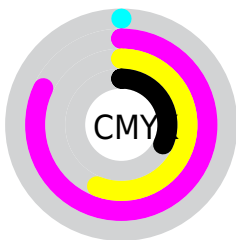
Distribution



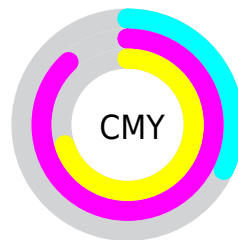
- Red (68%)
- Green (12%)
- Blue (30%)



- Red (68%)
- Yellow (12%)
- Blue (30%)



- Cyan (0%)
- Magenta (82%)
- Yellow (56%)
- Black (32%)





- Cyan (32%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3860, 0.5108, 0.2788 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 10.3860, 0.5108, 0.2788 by changing the saturation by 10% instead.


 10.3860, 0.5108,
0.2788


 10.3860, 0.5108,
0.2788


193.4053, 0.3881,
0.3133


 5.6556, 0.5523,
0.2648

 26.5190, 0.4589,
0.2947


 2.6368, 0.6132,
0.2422

 38.6905, 0.4417,
0.2995


 0.9452, 0.7308,
0.2090


 54.1111, 0.4281,
0.3032

 0.0000, 1.0000,
0.0000

 73.1653, 0.4171,
0.3061

 0.0000, 0.0000,
0.0000

 96.2374, 0.4079,
0.3084

 123.7118, 0.4002,

0.3104

155.9730, 0.3937,
0.3120

■ 10.3860, 0.5108,
0.2788

■ 10.3860, 0.5108,
0.2788

■ 9.5630, 0.5446,
0.2843

■ 11.7251, 0.4755,
0.2780

■ 9.1587, 0.5690,
0.2908

■ 13.6481, 0.4416,
0.2811

■ 16.2145, 0.4108,
0.2870

■ 19.4755, 0.3842,
0.2945

■ 23.4774, 0.3616,
0.3029

■ 28.2625, 0.3429,
0.3114

■ 33.8698, 0.3276,
0.3196

■ 40.3356, 0.3150,
0.3274

■ 47.6942, 0.3048,
0.3347

Harmonies

Analogous

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



10.3860, 0.3808, 0.2128



10.3860, 0.5108, 0.2788



10.3860, 0.5651, 0.3539

Triad

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



10.3860, 0.5108, 0.2788



10.3860, 0.3252, 0.5816



10.3860, 0.1207, 0.1643

Complementary

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



10.3860, 0.5108, 0.2788



31.7390, 0.2531, 0.4139

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.



10.3860, 0.1120, 0.2208



10.3860, 0.5108, 0.2788



10.3860, 0.2161, 0.5074

Square

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



10.3860, 0.5108, 0.2788



10.3860, 0.4377, 0.5304



10.3860, 0.1404, 0.3426



10.3860, 0.1637, 0.1505

Rectangle

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



10.3860, 0.5108, 0.2788



10.3860, 0.5486, 0.4087



10.3860, 0.1404, 0.3426



10.3860, 0.1141, 0.1774

Sweetspot

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



10.3866, 0.5108, 0.2788



47.5758, 0.3488, 0.3085



8.4081, 0.2541, 0.1288



9.7084, 0.3552, 0.3056



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



10.3866, 0.5108, 0.2788



16.5053, 0.5675, 0.2913



11.6849, 0.5694, 0.3533



8.0556, 0.3238, 0.3218



6.7375, 0.5662, 0.2893



0.1975, 0.4806, 0.2421

Inverse Universe

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



10.3866, 0.5108, 0.2788



16.5053, 0.5675, 0.2913



24.9105, 0.2169, 0.2858



8.0556, 0.3238, 0.3218



6.7375, 0.5662, 0.2893



0.1975, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 10.3860, 0.5108, 0.2788 looks on a white background.

Color Contrast Check

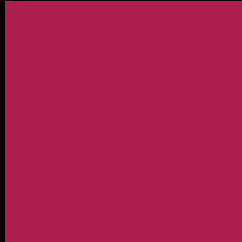
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 10.3860, 0.5108, 0.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

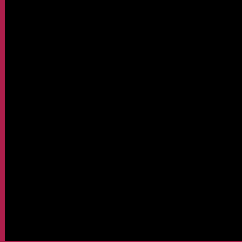
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3860, 0.5108, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 10.3860, 0.5108, 0.2788.



This preview shows how white text looks on a background with the Yxy color 10.3860, 0.5108, 0.2788.

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

10.3860, 0.5108, 0.2788

Protanopia

10.6758, 0.2914, 0.2961

Deuteranopia

10.5973, 0.3777, 0.3724



Tritanopia

10.3356, 0.5711, 0.3288

Trichromacy



Original Color

10.3860, 0.5108, 0.2788

Protanomaly

9.0575, 0.3642, 0.2773

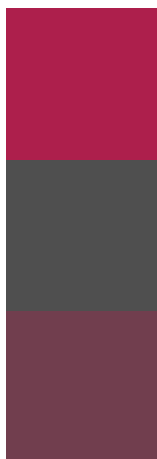
Deuteranomaly

9.3877, 0.4324, 0.3198

Tritanomaly

10.3601, 0.5520, 0.3118

Monochromacy



Original Color

10.3860, 0.5108, 0.2788

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

7.5060, 0.3878, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3860, 0.5108, 0.2788 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(173, 31, 76)` looks like.

```
.text, #text, p{  
    color:rgb(173, 31, 76)  
}
```

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(173, 31, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 31, 76) }
```

Border

The CSS property to change the border of an element to Yxy 10.3860, 0.5108, 0.2788 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(173, 31, 76) }
```

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

```
.border{ border-color:rgb(173, 31, 76) }
```

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

Here you see how a box with a 4 pixel rgb(173, 31, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 31, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 31, 76);  
box-shadow:4px 4px 4px 4px rgb(173, 31,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3860, 0.5108, 0.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 31, 76) }
```

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

```
.background{ background-color: rgb(173, 31,  
76) }
```

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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