

Converting Colors

$Yxy(37.9506, 0.2923, 0.3092)$

Have a look what the booklet for
Yxy(37.9506, 0.2923, 0.3092)
contains.

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Color

Yxy(38.1417, 0.2923, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	9DA7B5
RGB	157, 167, 181
RGB Percent	62%, 65%, 71%
CMY	0.3842, 0.3451, 0.2901
CMYK	0.13, 0.08, 0.00, 0.29
HSL	215°, 14%, 66%
HSV	215°, 13%, 71%
XYZ	36.0686, 38.1417, 49.1856
YIQ	165.6060, -10.4540, 2.2340

Conversions

Conversions Part 2

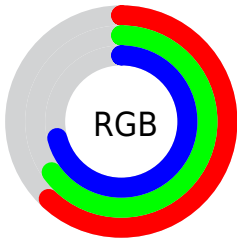
Format	Color
R _Y B	157, 164, 181
Decimal	10332085
CIE Lab	68.12, -0.61, -8.41
CIE LCh	68, 8.437, 265.826
Yxy	38.1417, 0.2923, 0.3091
Android (android.graphics.Color)	4288522165 (0xFF9DA7B5)
YUV	165.6060, 7.5892, -7.5475
Hunter-Lab	61.7590, -3.8301, -3.9880

Details

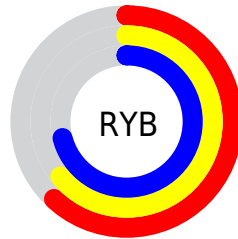
The Yxy color **38.1417, 0.2923, 0.3091** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4049, 0.3340, 0.3481**, and the grayscale version is **37.9026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3540, 0.2963, 0.3127**, and **16.8842, 0.2868, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **32.7360, 0.2760, 0.2921**, and if you desaturate by 10%, it is **44.1375, 0.3078, 0.3244**.

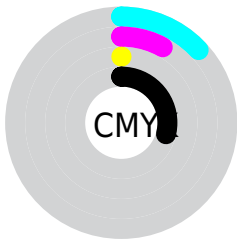
Distribution



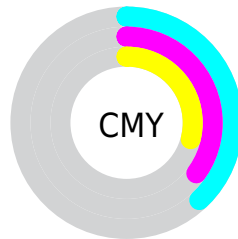
- Red (62%)
- Green (65%)
- Blue (71%)



- Red (62%)
- Yellow (64%)
- Blue (71%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.1417, 0.2923, 0.3091 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 38.1417, 0.2923, 0.3091 by changing the saturation by 10% instead.

■ 38.1417, 0.2923,
0.3091

■ 38.1417, 0.2923,
0.3091

338.2274, 0.3028,
0.3194

■ 26.0927, 0.2896,
0.3064

■ 72.3253, 0.2962,
0.3129

■ 16.8930, 0.2860,
0.3029

■ 95.2286, 0.2976,
0.3143

■ 10.1582, 0.2812,
0.2982

122.5189, 0.2988,
0.3155

■ 5.5040, 0.2742,
0.2913

154.5804, 0.2999,
0.3165

■ 2.5459, 0.2633,
0.2805

191.7977, 0.3008,
0.3174

■ 0.8995, 0.2440,
0.2614

234.5550, 0.3015,

■ 0.0000, 0.0000,

0.3181

0.0000

283.2368, 0.3022,
0.3188

■ 38.1417, 0.2923,
0.3091

■ 38.1417, 0.2923,
0.3091

■ 32.7360, 0.2760,
0.2921

■ 44.1375, 0.3078,
0.3244

■ 27.8962, 0.2592,
0.2733

■ 50.7371, 0.3225,
0.3380

■ 23.6035, 0.2423,
0.2530

■ 57.9594, 0.3361,
0.3500

■ 19.8358, 0.2257,
0.2314

■ 65.8214, 0.3488,
0.3605

■ 16.5696, 0.2101,
0.2090

■ 74.3390, 0.3604,
0.3698

■ 13.7791, 0.1960,
0.1865

■ 81.4544, 0.3632,
0.3792

■ 11.4353, 0.1841,
0.1646

■ 87.5390, 0.3603,
0.3892

■ 9.5052, 0.1749,
0.1440

■ 93.9874, 0.3576,
0.3988

■ 8.3989, 0.1698,
0.1311

■ 96.1169, 0.3567,
0.4018

Harmonies

Analogous

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



38.1417, 0.2885, 0.3157



38.1417, 0.2923, 0.3091



38.1417, 0.3016, 0.3078

Triad

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



38.1417, 0.2923, 0.3091



38.1417, 0.3350, 0.3312



38.1417, 0.3111, 0.3470

Complementary

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



38.1417, 0.2923, 0.3091



41.4049, 0.3340, 0.3481

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.



38.1417, 0.3236, 0.3511



38.1417, 0.2923, 0.3091



38.1417, 0.3376, 0.3416

Square

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



38.1417, 0.2923, 0.3091



38.1417, 0.3262, 0.3204



38.1417, 0.3334, 0.3490



38.1417, 0.2992, 0.3377

Rectangle

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



38.1417, 0.2923, 0.3091



38.1417, 0.3097, 0.3100



38.1417, 0.3334, 0.3490



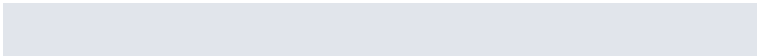
38.1417, 0.3154, 0.3490

Sweetspot

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



38.1433, 0.2923, 0.3091



78.1199, 0.3066, 0.3232



43.1664, 0.3003, 0.3430



16.7050, 0.3055, 0.3221



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.1433, 0.2923, 0.3091



65.2725, 0.2875, 0.3042



34.8332, 0.2937, 0.2948



8.7910, 0.2985, 0.3153



5.9192, 0.1704, 0.1334



0.3025, 0.1862, 0.1903

Inverse Universe

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



36.7384, 0.3271, 0.3154



62.3427, 0.3309, 0.3122



45.0757, 0.3304, 0.3614



8.5619, 0.3224, 0.3196



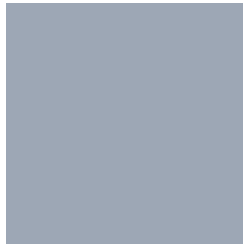
7.1377, 0.5280, 0.2682



0.2363, 0.4564, 0.2288

Previews

White Background



This preview shows how the Yxy color 38.1417, 0.2923, 0.3091 looks on a white background.

Color Contrast Check

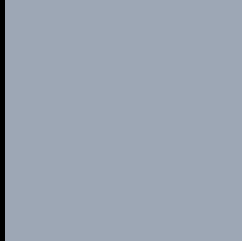
Large Text (above 18pt) WCAG AA × Fail

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 38.1417, 0.2923, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

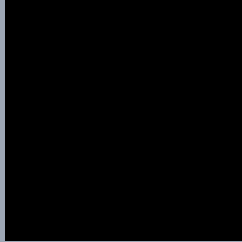
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

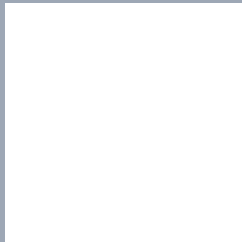
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.1417, 0.2923, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 38.1417, 0.2923, 0.3091.

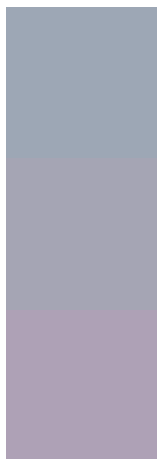


This preview shows how white text looks on a background with the Yxy color 38.1417, 0.2923, 0.3091.

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

38.1417, 0.2923, 0.3091

Protanopia

38.2049, 0.3001, 0.3081

Deuteranopia

37.8658, 0.3066, 0.3004



Tritanopia

38.1008, 0.2931, 0.3105

Trichromacy



Original Color

38.1417, 0.2923, 0.3091

Protanomaly

38.2491, 0.2974, 0.3093

Deuteranomaly

37.8966, 0.3011, 0.3028

Tritanomaly

38.1008, 0.2931, 0.3105

Monochromacy



Original Color

38.1417, 0.2923, 0.3091

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.9992, 0.3057, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1417, 0.2923, 0.3091 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(157, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 181)  
}
```

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(157, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 181) }
```

Border

The CSS property to change the border of an element to Yxy 38.1417, 0.2923, 0.3091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

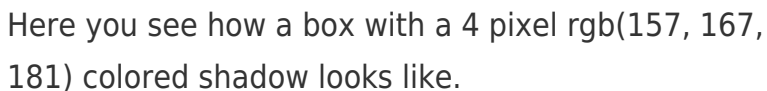
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 167, 181) }
```

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

```
.border{ border-color:rgb(157, 167, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 167, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 167, 181); box-shadow:4px 4px 4px 4px rgb(157, 167, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1417, 0.2923, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 181) }
```

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

```
.background{ background-color: rgb(157,  
167, 181) }
```

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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