

Converting Colors

Yxy(38.1338, 0.4118, 0.3461)

Have a look what the booklet for
Yxy(38.1338, 0.4118, 0.3461)
contains.

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Color

Yxy(38.2313, 0.4116, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	E19284
RGB	225, 146, 132
RGB Percent	88%, 57%, 52%
CMY	0.1177, 0.4274, 0.4824
CMYK	0.00, 0.35, 0.41, 0.12
HSL	9°, 61%, 70%
HSV	9°, 41%, 88%
XYZ	45.4929, 38.2313, 26.8028
YIQ	168.0250, 51.5780, 12.3940

Conversions

Conversions Part 2

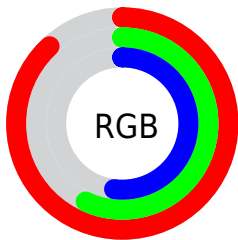
Format	Color
R _Y B	225, 148, 132
Decimal	14783108
CIE Lab	68.19, 28.22, 19.81
CIE LCh	68, 34.484, 35.067
Yxy	38.2313, 0.4116, 0.3459
Android (android.graphics.Color)	4292973188 (0xFFE19284)
YUV	168.0250, -17.7603, 49.9671
Hunter-Lab	61.8315, 23.1275, 17.5809

Details

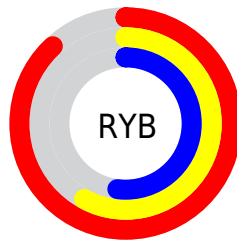
The Yxy color **38.2313, 0.4116, 0.3459** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.9099, 0.2534, 0.3109**, and the grayscale version is **39.2411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5361, 0.3684, 0.3458**, and **17.0091, 0.4426, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **32.2756, 0.4485, 0.3495**, and if you desaturate by 10%, it is **45.3079, 0.3801, 0.3418**.

Distribution



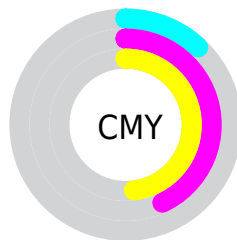
- Red (88%)
- Green (57%)
- Blue (52%)



- Red (88%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (41%)
- Black (12%)





- Cyan (12%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2313, 0.4116, 0.3459 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 38.2313, 0.4116, 0.3459 by changing the saturation by 10% instead.


 38.2313, 0.4116,
0.3459


 38.2313, 0.4116,
0.3459


338.6111, 0.3600,
0.3391


 26.1623, 0.4250,
0.3470


 72.4625, 0.3924,
0.3439

 16.9451, 0.4425,
0.3479


 95.3935, 0.3854,
0.3430

 10.1953, 0.4662,
0.3483


 122.7139, 0.3794,
0.3422

 5.5287, 0.4996,
0.3472

154.8081, 0.3744,
0.3414

 2.5607, 0.5500,
0.3421

192.0606, 0.3700,
0.3408

 0.9069, 0.6610,
0.3390

234.8556, 0.3663,

 0.0000, 1.0000,

0.3402

0.0000

283.5777, 0.3630,
0.3396

0.0000, 0.0000,
0.0000

38.2313, 0.4116,
0.3459

38.2313, 0.4116,
0.3459

32.2756, 0.4485,
0.3495

45.3079, 0.3801,
0.3418

27.3776, 0.4900,
0.3520

53.5531, 0.3540,
0.3375

23.4766, 0.5336,
0.3525

63.0186, 0.3325,
0.3334

20.5030, 0.5748,
0.3504

73.7515, 0.3148,
0.3295

18.3784, 0.6079,
0.3455

85.7962, 0.3004,
0.3259

■ 17.1478, 0.6272,
0.3402

■ 94.7469, 0.2946,
0.3289

Harmonies

Analogous

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



38.2313, 0.3814, 0.3060



38.2313, 0.4116, 0.3459



38.2313, 0.4120, 0.3853

Triad

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



38.2313, 0.4116, 0.3459



38.2313, 0.2880, 0.3970



38.2313, 0.2416, 0.2479

Complementary

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



38.2313, 0.4116, 0.3459



56.9099, 0.2534, 0.3109

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.



38.2313, 0.2215, 0.2635



38.2313, 0.4116, 0.3459



38.2313, 0.2463, 0.3491

Square

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



38.2313, 0.4116, 0.3459



38.2313, 0.3385, 0.4215



38.2313, 0.2229, 0.2991



38.2313, 0.2808, 0.2519

Rectangle

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



38.2313, 0.4116, 0.3459



38.2313, 0.3962, 0.4068



38.2313, 0.2229, 0.2991



38.2313, 0.2326, 0.2508

Sweetspot

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



38.2332, 0.4116, 0.3459



82.7112, 0.3339, 0.3337



37.2086, 0.3307, 0.2410



17.3329, 0.3365, 0.3342



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.



38.2332, 0.4116, 0.3459



43.5905, 0.4446, 0.3492



55.5648, 0.3885, 0.3986



14.0326, 0.3288, 0.3326



9.9874, 0.6253, 0.3417



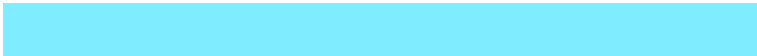
0.7980, 0.5992, 0.3624

Inverse Universe

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



56.9099, 0.2534, 0.3109



71.6262, 0.2429, 0.3063



37.0821, 0.2431, 0.2472



15.2015, 0.2982, 0.3254



24.7561, 0.2113, 0.2805



1.8128, 0.2136, 0.2888

Previews

White Background



This preview shows how the Yxy color 38.2313, 0.4116, 0.3459 looks on a white background.

Color Contrast Check

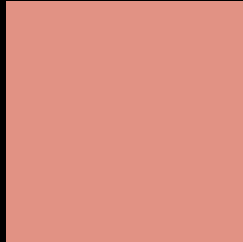
Large Text (above 18pt) WCAG AA × Fail

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 38.2313, 0.4116, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

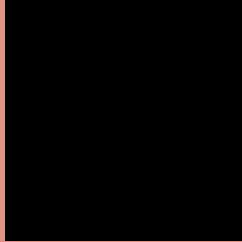
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2313, 0.4116, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 38.2313, 0.4116, 0.3459.



This preview shows how white text looks on a background with the Yxy color 38.2313, 0.4116, 0.3459.

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

38.2313, 0.4116, 0.3459

Protanopia

38.3394, 0.3427, 0.3630

Deuteranopia

38.3287, 0.3773, 0.3704



Tritanopia

38.3089, 0.3908, 0.3163

Trichromacy



Original Color

38.2313, 0.4116, 0.3459

Protanomaly

37.9687, 0.3668, 0.3573

Deuteranomaly

38.1762, 0.3898, 0.3612

Tritanomaly

38.1906, 0.3982, 0.3269

Monochromacy



Original Color

38.2313, 0.4116, 0.3459

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3270, 0.3459, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2313, 0.4116, 0.3459 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(225, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 146, 132)  
}
```

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(225, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 146, 132) }
```

Border

The CSS property to change the border of an element to Yxy 38.2313, 0.4116, 0.3459 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(225, 146, 132) }
```

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

```
.border{ border-color:rgb(225, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 146,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2313, 0.4116, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 146, 132) }
```

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

```
.background{ background-color: rgb(225,  
146, 132) }
```

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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