

Converting Colors

Yxy(34.1602, 0.4136, 0.3188)

Have a look what the booklet for
Yxy(34.1602, 0.4136, 0.3188)
contains.

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Color

Yxy(34.1602, 0.4136, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	E3828B
RGB	227, 130, 139
RGB Percent	89%, 51%, 55%
CMY	0.1098, 0.4901, 0.4550
CMYK	0.00, 0.43, 0.39, 0.11
HSL	354°, 63%, 70%
HSV	354°, 43%, 89%
XYZ	44.3183, 34.1602, 28.6740
YIQ	160.0290, 54.9230, 23.3630

Conversions

Conversions Part 2

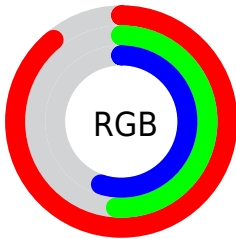
Format	Color
R _Y B	227, 130, 139
Decimal	14910091
CIE Lab	65.09, 38.20, 11.61
CIE LCh	65, 39.923, 16.913
Yxy	34.1602, 0.4136, 0.3188
Android (android.graphics.Color)	4293100171 (0xFFE3828B)
YUV	160.0290, -10.3673, 58.7336
Hunter-Lab	58.4467, 33.0690, 11.8250

Details

The Yxy color **34.1602, 0.4136, 0.3188** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.7448, 0.2592, 0.3402**, and the grayscale version is **35.1984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3468, 0.3670, 0.3208**, and **14.6051, 0.4477, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **28.2276, 0.4520, 0.3169**, and if you desaturate by 10%, it is **41.5415, 0.3814, 0.3211**.

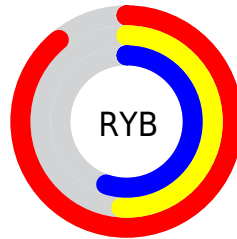
Distribution



Red (89%)

Green (51%)

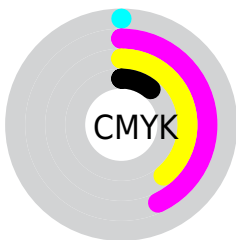
Blue (55%)



Red (89%)

Yellow (51%)

Blue (55%)

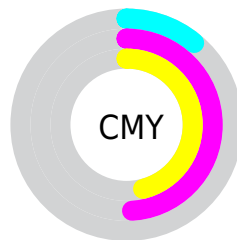


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (11%)



Cyan (11%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1602, 0.4136, 0.3188 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 34.1602, 0.4136, 0.3188 by changing the saturation by 10% instead.

 34.1602, 0.4136,
0.3188


 34.1602, 0.4136,
0.3188


320.8458, 0.3601,
0.3256


 23.0167, 0.4279,
0.3165


 66.1827, 0.3935,
0.3217

 14.6058, 0.4468,
0.3131


 87.8305, 0.3861,
0.3227

 8.5432, 0.4728,
0.3079


 113.7485, 0.3800,
0.3234

 4.4445, 0.5107,
0.2991

144.3212, 0.3748,
0.3240

 1.9252, 0.5697,
0.2825

179.9328, 0.3703,
0.3245

 0.5634, 0.7438,
0.2562

220.9679, 0.3665,

 0.0000, 1.0000,

0.3250

0.0000

267.8107, 0.3631,
0.3253

■ 0.0000, 0.0000,
0.0000

■ 34.1602, 0.4136,
0.3188

■ 34.1602, 0.4136,
0.3188

■ 28.2276, 0.4520,
0.3169

■ 41.5415, 0.3814,
0.3211

■ 23.6438, 0.4956,
0.3159

■ 50.4528, 0.3550,
0.3236

■ 20.3040, 0.5412,
0.3163

■ 60.9755, 0.3338,
0.3261

■ 18.0862, 0.5836,
0.3185

■ 73.1835, 0.3167,
0.3284

■ 16.8430, 0.6160,
0.3223

■ 87.1463, 0.3031,
0.3305

■ 16.3838, 0.6313,
0.3251

■ 95.0698, 0.2958,
0.3290

Harmonies

Analogous

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



34.1602, 0.3605, 0.2764



34.1602, 0.4136, 0.3188



34.1602, 0.4361, 0.3662

Triad

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



34.1602, 0.4136, 0.3188



34.1602, 0.3183, 0.4348



34.1602, 0.2116, 0.2408

Complementary

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



34.1602, 0.4136, 0.3188



64.7448, 0.2592, 0.3402

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.



34.1602, 0.2031, 0.2727



34.1602, 0.4136, 0.3188



34.1602, 0.2608, 0.3909

Square

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



34.1602, 0.4136, 0.3188



34.1602, 0.3772, 0.4392



34.1602, 0.2199, 0.3273



34.1602, 0.2441, 0.2328

Rectangle

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



34.1602, 0.4136, 0.3188



34.1602, 0.4301, 0.3968



34.1602, 0.2199, 0.3273



34.1602, 0.2060, 0.2487

Sweetspot

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



34.1619, 0.4136, 0.3188



78.8544, 0.3345, 0.3260



36.3114, 0.3085, 0.2216



16.1906, 0.3388, 0.3255



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.



34.1619, 0.4136, 0.3188



37.7198, 0.4463, 0.3171



46.2453, 0.4036, 0.3744



14.3895, 0.3278, 0.3269



9.5631, 0.6293, 0.3240



0.7141, 0.6035, 0.3098

Inverse Universe

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



34.1619, 0.4136, 0.3188



37.7198, 0.4463, 0.3171



46.3450, 0.2463, 0.2777



14.3895, 0.3278, 0.3269



9.5631, 0.6293, 0.3240



0.7141, 0.6035, 0.3098

Previews

White Background



This preview shows how the Yxy color 34.1602, 0.4136, 0.3188 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 34.1602, 0.4136, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

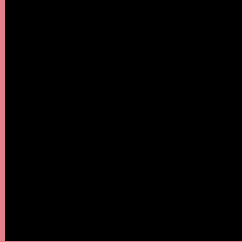
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1602, 0.4136, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 34.1602, 0.4136, 0.3188.



This preview shows how white text looks on a background with the Yxy color 34.1602, 0.4136, 0.3188.

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

34.1602, 0.4136, 0.3188

Protanopia

34.4682, 0.3203, 0.3349

Deuteranopia

34.1508, 0.3608, 0.3531



Tritanopia

34.1602, 0.4136, 0.3188

Trichromacy



Original Color

34.1602, 0.4136, 0.3188

Protanomaly

33.7888, 0.3517, 0.3277

Deuteranomaly

33.7299, 0.3799, 0.3398

Tritanomaly

34.1602, 0.4136, 0.3188

Monochromacy



Original Color

34.1602, 0.4136, 0.3188

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.9522, 0.3463, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1602, 0.4136, 0.3188 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(227, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(227, 130, 139)  
}
```

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(227, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 130, 139) }
```

Border

The CSS property to change the border of an element to Yxy 34.1602, 0.4136, 0.3188 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(227, 130, 139) }
```

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

```
.border{ border-color:rgb(227, 130, 139) }
```

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

Here you see how a box with a 4 pixel rgb(227, 130, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(227, 130,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1602, 0.4136, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 130, 139) }
```

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

```
.background{ background-color: rgb(227,  
130, 139) }
```

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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