

Converting Colors

$Y_{xy}(33.7883, 0.4285, 0.3213)$

Have a look what the booklet for
Yxy(33.7883, 0.4285, 0.3213)
contains.

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Color

Yxy(33.7710, 0.4280, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	E87E85
RGB	232, 126, 133
RGB Percent	91%, 49%, 52%
CMY	0.0902, 0.5058, 0.4785
CMYK	0.00, 0.46, 0.43, 0.09
HSL	356°, 70%, 70%
HSV	356°, 46%, 91%
XYZ	44.9720, 33.7710, 26.3317
YIQ	158.4920, 60.9290, 24.6490

Conversions

Conversions Part 2

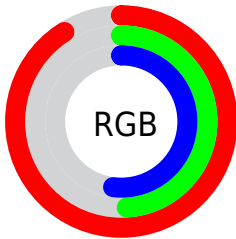
Format	Color
R_{YB}	232, 126, 133
Decimal	15236741
CIE _{Lab}	64.78, 41.43, 14.67
CIE _{LCh}	65, 43.947, 19.502
Yxy	33.7710, 0.4280, 0.3214
Android (android.graphics.Color)	4293426821 (0xFFE87E85)
YUV	158.4920, -12.5676, 64.4665
Hunter-Lab	58.1128, 36.4389, 13.8139

Details

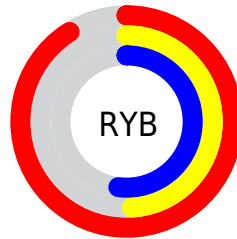
The Yxy color **33.7710, 0.4280, 0.3214** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5866, 0.2550, 0.3375**, and the grayscale version is **34.4656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4477, 0.3734, 0.3229**, and **14.4219, 0.4652, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **27.9728, 0.4694, 0.3203**, and if you desaturate by 10%, it is **41.0718, 0.3927, 0.3230**.

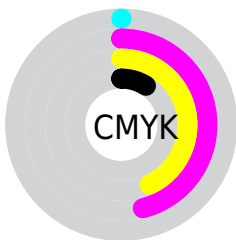
Distribution



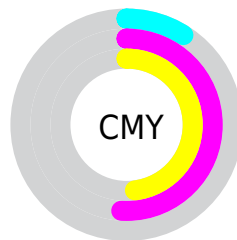
- Red (91%)
- Green (49%)
- Blue (52%)



- Red (91%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (46%)
- Yellow (43%)
- Black (9%)




- Cyan (9%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7710, 0.4280, 0.3214 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 33.7710, 0.4280, 0.3214 by changing the saturation by 10% instead.


 33.7710, 0.4280,
0.3214


 33.7710, 0.4280,
0.3214


319.1097, 0.3668,
0.3274


 22.7177, 0.4443,
0.3191


 65.5774, 0.4049,
0.3242

 14.3852, 0.4659,
0.3156

 87.0993, 0.3965,
0.3250

 8.3891, 0.4955,
0.3099


 112.8796, 0.3895,
0.3257

 4.3449, 0.5381,
0.3000

143.3026, 0.3835,
0.3262

 1.8683, 0.6046,
0.2815

178.7527, 0.3784,
0.3266

 0.5292, 0.7636,
0.2364

219.6143, 0.3740,


 0.0000, 1.0000,


0.3269

0.0000


266.2719, 0.3702,
0.3272


 0.0000, 0.0000,
0.0000

 33.7710, 0.4280,
0.3214


 33.7710, 0.4280,
0.3214


 27.9728, 0.4694,
0.3203


 41.0718, 0.3927,
0.3230


 23.5679, 0.5152,
0.3200


 49.9643, 0.3638,
0.3247


 20.4407, 0.5611,
0.3208


 60.5367, 0.3404,
0.3264

 18.4546, 0.6007,
0.3229

 72.8693, 0.3217,
0.3281

 17.4415, 0.6273,
0.3260

 87.0370, 0.3066,
0.3297

 17.1909, 0.6346,
0.3270

 95.8956, 0.2987,
0.3290

Harmonies

Analogous

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



33.7710, 0.3711, 0.2749



33.7710, 0.4280, 0.3214



33.7710, 0.4489, 0.3729

Triad

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



33.7710, 0.4280, 0.3214



33.7710, 0.3122, 0.4445



33.7710, 0.2044, 0.2306

Complementary

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



33.7710, 0.4280, 0.3214



67.5866, 0.2550, 0.3375

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.



33.7710, 0.1930, 0.2624



33.7710, 0.4280, 0.3214



33.7710, 0.2504, 0.3921

Square

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



33.7710, 0.4280, 0.3214



33.7710, 0.3775, 0.4519



33.7710, 0.2083, 0.3205



33.7710, 0.2415, 0.2245

Rectangle

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



33.7710, 0.4280, 0.3214



33.7710, 0.4394, 0.4060



33.7710, 0.2083, 0.3205



33.7710, 0.1977, 0.2382

Sweetspot

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



33.7727, 0.4280, 0.3214



77.3348, 0.3371, 0.3267



36.7470, 0.3113, 0.2156



15.8894, 0.3416, 0.3263



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.



33.7727, 0.4280, 0.3214



34.9192, 0.4676, 0.3203



48.1438, 0.4102, 0.3814



14.3833, 0.3282, 0.3275



9.5502, 0.6328, 0.3260



0.7112, 0.6135, 0.3153

Inverse Universe

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



33.7727, 0.4280, 0.3214



34.9192, 0.4676, 0.3203



45.4099, 0.2409, 0.2685



14.3833, 0.3282, 0.3275



9.5502, 0.6328, 0.3260



0.7112, 0.6135, 0.3153

Previews

White Background



This preview shows how the Yxy color 33.7710, 0.4280, 0.3214 looks on a white background.

Color Contrast Check

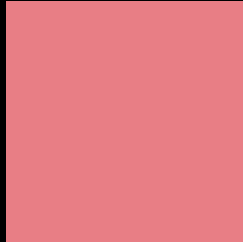
Large Text (above 18pt) WCAG AA × Fail

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 33.7710, 0.4280, 0.3214 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 33.7710, 0.4280, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 33.7710, 0.4280, 0.3214.



This preview shows how white text looks on a background with the Yxy color 33.7710, 0.4280, 0.3214.

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

33.7710, 0.4280, 0.3214

Protanopia

33.9653, 0.3250, 0.3409

Deuteranopia

33.7855, 0.3684, 0.3601



Tritanopia

33.8268, 0.4255, 0.3191

Trichromacy



Original Color

33.7710, 0.4280, 0.3214

Protanomaly

33.1057, 0.3597, 0.3333

Deuteranomaly

33.3752, 0.3907, 0.3450

Tritanomaly

33.7987, 0.4268, 0.3202

Monochromacy



Original Color

33.7710, 0.4280, 0.3214

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.0420, 0.3512, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7710, 0.4280, 0.3214 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(232, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(232, 126, 133)  
}
```

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(232, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 126, 133) }
```

Border

The CSS property to change the border of an element to Yxy 33.7710, 0.4280, 0.3214 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(232, 126, 133) }
```

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

```
.border{ border-color:rgb(232, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 126, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 126, 133); box-shadow:4px 4px 4px 4px rgb(232, 126, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7710, 0.4280, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 126, 133) }
```

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

```
.background{ background-color: rgb(232,  
126, 133) }
```

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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