

Converting Colors

$Y_{xy}(36.6831, 0.4623, 0.3325)$

Have a look what the booklet for
Yxy(36.6831, 0.4623, 0.3325)
contains.

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Color

Yxy(36.7432, 0.4623, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	FC7D79
RGB	252, 125, 121
RGB Percent	99%, 49%, 47%
CMY	0.0117, 0.5098, 0.5255
CMYK	0.00, 0.50, 0.52, 0.01
HSL	2°, 96%, 73%
HSV	2°, 52%, 99%
XYZ	50.9337, 36.7432, 22.4976
YIQ	162.5170, 76.9760, 25.6800

Conversions

Conversions Part 2

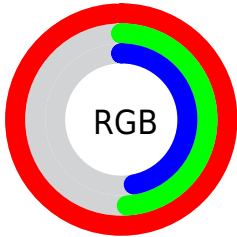
Format	Color
R _Y B	252, 125, 121
Decimal	16547193
CIE Lab	67.08, 48.00, 25.01
CIE LCh	67, 54.129, 27.520
Yxy	36.7432, 0.4623, 0.3335
Android (android.graphics.Color)	4294737273 (0xFFFC7D79)
YUV	162.5170, -20.4679, 78.4766
Hunter-Lab	60.6162, 43.9091, 20.4259

Details

The Yxy color **36.7432, 0.4623, 0.3335** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **78.2416, 0.2446, 0.3242**, and the grayscale version is **36.4581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9196, 0.3850, 0.3366**, and **16.0507, 0.5096, 0.3284** is the 20% darker color. If you saturate the color by 10%, you get **30.7619, 0.5088, 0.3340**, and if you desaturate by 10%, it is **44.4111, 0.4208, 0.3327**.

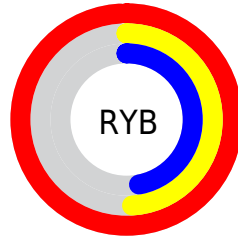
Distribution



Red (99%)

Green (49%)

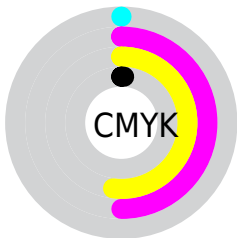
Blue (47%)



Red (99%)

Yellow (49%)

Blue (47%)

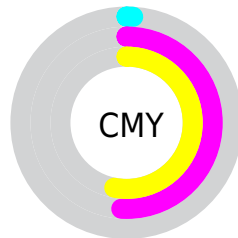


Cyan (0%)

Magenta (50%)

Yellow (52%)

Black (1%)



Cyan (1%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7432, 0.4623, 0.3335 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 36.7432, 0.4623, 0.3335 by changing the saturation by 10% instead.


 36.7432, 0.4623,
0.3335


 36.7432, 0.4623,
0.3335


332.1974, 0.3841,
0.3352

 25.0087, 0.4824,
0.3317


 70.1776, 0.4333,
0.3351

 16.0836, 0.5083,
0.3284


 92.6464, 0.4226,
0.3354

 9.5833, 0.5427,
0.3225


 119.4621, 0.4136,
0.3356

 5.1236, 0.5898,
0.3113

151.0090, 0.4059,
0.3356

 2.3199, 0.6668,
0.2938

187.6716, 0.3993,
0.3355

 0.7842, 0.7568,
0.2432

229.8343, 0.3936,

 0.0000, 1.0000,

0.3354


0.0000


277.8814, 0.3886,
0.3353


 0.0000, 0.0000,
0.0000


 36.7432, 0.4623,
0.3335


 36.7432, 0.4623,
0.3335


 30.7619, 0.5088,
0.3340

 44.4111, 0.4208,
0.3327

 26.3348, 0.5562,
0.3339


 53.8733, 0.3859,
0.3318

 23.3197, 0.5979,
0.3332

 65.2353, 0.3573,
0.3309

 21.5453, 0.6267,
0.3319

 78.5929, 0.3343,
0.3300

 20.8648, 0.6386,
0.3312

 94.0354, 0.3159,
0.3292

99.4380, 0.3109,
0.3290

Harmonies

Analogous

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



36.7432, 0.4034, 0.2784



36.7432, 0.4623, 0.3335



36.7432, 0.4719, 0.3929

Triad

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



36.7432, 0.4623, 0.3335



36.7432, 0.2892, 0.4581



36.7432, 0.1950, 0.2093

Complementary

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



36.7432, 0.4623, 0.3335



78.2416, 0.2446, 0.3242

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.



36.7432, 0.1741, 0.2362



36.7432, 0.4623, 0.3335



36.7432, 0.2222, 0.3820

Square

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



36.7432, 0.4623, 0.3335



36.7432, 0.3669, 0.4796



36.7432, 0.1825, 0.2957



36.7432, 0.2448, 0.2103

Rectangle

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



36.7432, 0.4623, 0.3335



36.7432, 0.4511, 0.4310



36.7432, 0.1825, 0.2957



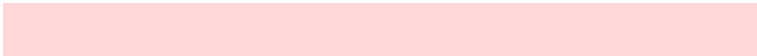
36.7432, 0.1849, 0.2149

Sweetspot

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



36.7451, 0.4623, 0.3335



74.9524, 0.3430, 0.3304



41.2651, 0.3205, 0.2059



15.4387, 0.3477, 0.3305



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.



36.7451, 0.4623, 0.3335



31.5689, 0.5090, 0.3340



58.3415, 0.4223, 0.3991



17.3099, 0.3293, 0.3298



10.9054, 0.6379, 0.3317



1.0390, 0.6327, 0.3359

Inverse Universe

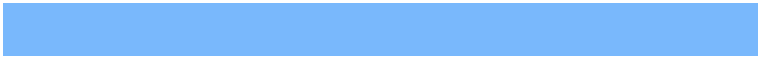
The Inverse Universe completely reimagines the original color for something new.



78.2416, 0.2446, 0.3242



78.2394, 0.2363, 0.3231



45.5106, 0.2284, 0.2436



19.5124, 0.2980, 0.3282



37.5065, 0.2221, 0.3194



3.5015, 0.2224, 0.3206

Previews

White Background



This preview shows how the Yxy color 36.7432, 0.4623, 0.3335 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 36.7432, 0.4623, 0.3335 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 36.7432, 0.4623, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 36.7432, 0.4623, 0.3335.



This preview shows how white text looks on a background with the Yxy color 36.7432, 0.4623, 0.3335.

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

36.7432, 0.4623, 0.3335

Protanopia

36.8291, 0.3432, 0.3636

Deuteranopia

36.9538, 0.3923, 0.3850



Tritanopia

36.7145, 0.4514, 0.3202

Trichromacy



Original Color

36.7432, 0.4623, 0.3335

Protanomaly

35.5783, 0.3853, 0.3515

Deuteranomaly

36.1341, 0.4191, 0.3635

Tritanomaly

36.8565, 0.4556, 0.3253

Monochromacy



Original Color

36.7432, 0.4623, 0.3335

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.2351, 0.3620, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7432, 0.4623, 0.3335 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(252, 125, 121)` looks like.

```
.text, #text, p{  
    color:rgb(252, 125, 121)  
}
```

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(252, 125, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 125, 121) }
```

Border

The CSS property to change the border of an element to Yxy 36.7432, 0.4623, 0.3335 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(252, 125, 121) }
```

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

```
.border{ border-color:rgb(252, 125, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 125, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 125, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 125, 121);  
box-shadow:4px 4px 4px 4px rgb(252, 125,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7432, 0.4623, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 125, 121) }
```

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

```
.background{ background-color: rgb(252,  
125, 121) }
```

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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