

Converting Colors

$Y_{xy}(36.1612, 0.4576, 0.3480)$

Have a look what the booklet for
Yxy(36.1612, 0.4576, 0.3480)
contains.

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Color

Yxy(36.3021, 0.4582, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	F28371
RGB	242, 131, 113
RGB Percent	95%, 51%, 44%
CMY	0.0510, 0.4863, 0.5568
CMYK	0.00, 0.46, 0.53, 0.05
HSL	8°, 83%, 70%
HSV	8°, 53%, 95%
XYZ	47.7155, 36.3021, 20.1192
YIQ	162.1370, 71.9340, 17.9340

Conversions

Conversions Part 2

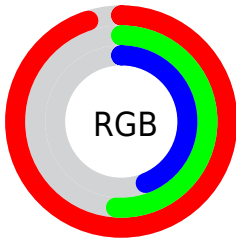
Format	Color
R _Y B	242, 134, 113
Decimal	15893361
CIE Lab	66.75, 40.70, 28.76
CIE LCh	67, 49.837, 35.243
Yxy	36.3021, 0.4582, 0.3486
Android (android.graphics.Color)	4294083441 (0xFFFF28371)
YUV	162.1370, -24.2245, 70.0399
Hunter-Lab	60.2512, 35.9221, 22.3776

Details

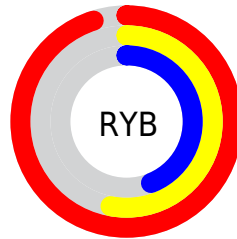
The Yxy color **36.3021, 0.4582, 0.3486** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2387, 0.2399, 0.3065**, and the grayscale version is **36.2911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0944, 0.3899, 0.3513**, and **15.9187, 0.5029, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **30.7864, 0.5011, 0.3505**, and if you desaturate by 10%, it is **43.0910, 0.4196, 0.3454**.

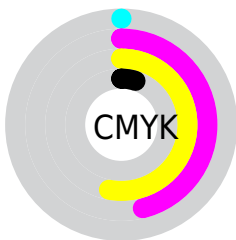
Distribution



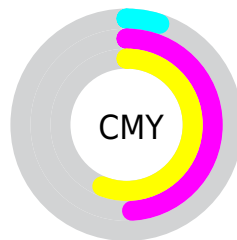
- Red (95%)
- Green (51%)
- Blue (44%)



- Red (95%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (46%)
- Yellow (53%)
- Black (5%)





- Cyan (5%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3021, 0.4582, 0.3486 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 36.3021, 0.4582, 0.3486 by changing the saturation by 10% instead.


 36.3021, 0.4582,
0.3486


 36.3021, 0.4582,
0.3486


330.2790, 0.3821,
0.3427

 24.6676, 0.4777,
0.3485


 69.4981, 0.4300,
0.3475


 15.8296, 0.5029,
0.3474


 91.8284, 0.4196,
0.3468

 9.4036, 0.5361,
0.3441


 118.4927, 0.4108,
0.3461

 5.0054, 0.5811,
0.3360

 149.8755, 0.4034,
0.3453

 2.2504, 0.6694,
0.3294

186.3611, 0.3969,
0.3446

 0.7473, 0.7311,
0.2689

228.3340, 0.3913,

 0.0000, 1.0000,

0.3439

0.0000

276.1785, 0.3865,
0.3433

■ 0.0000, 0.0000,
0.0000

■ 36.3021, 0.4582,
0.3486

■ 36.3021, 0.4582,
0.3486

■ 30.7864, 0.5011,
0.3505

■ 43.0910, 0.4196,
0.3454

■ 26.4587, 0.5452,
0.3504

■ 51.2201, 0.3866,
0.3416

■ 23.2321, 0.5854,
0.3477


■ 60.7584, 0.3591,
0.3377

■ 21.0053, 0.6157,
0.3425

■ 71.7685, 0.3365,
0.3338

■ 20.0071, 0.6292,
0.3386

■ 84.3091, 0.3180,
0.3301

 97.6171, 0.3047,
0.3290

Harmonies

Analogous

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



36.3021, 0.4141, 0.2947



36.3021, 0.4582, 0.3486



36.3021, 0.4557, 0.4042

Triad

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



36.3021, 0.4582, 0.3486



36.3021, 0.2739, 0.4329



36.3021, 0.2122, 0.2149

Complementary

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



36.3021, 0.4582, 0.3486



63.2387, 0.2399, 0.3065

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.



36.3021, 0.1853, 0.2336



36.3021, 0.4582, 0.3486



36.3021, 0.2163, 0.3568

Square

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



36.3021, 0.4582, 0.3486



36.3021, 0.3458, 0.4681



36.3021, 0.1862, 0.2817



36.3021, 0.2659, 0.2217

Rectangle

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



36.3021, 0.4582, 0.3486



36.3021, 0.4305, 0.4375



36.3021, 0.1862, 0.2817



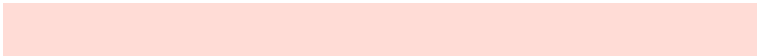
36.3021, 0.2002, 0.2181

Sweetspot

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



36.3040, 0.4582, 0.3486



77.2543, 0.3423, 0.3348



36.1163, 0.3352, 0.2159



15.9787, 0.3468, 0.3356



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.



36.3040, 0.4582, 0.3486



34.1912, 0.5050, 0.3506



58.9681, 0.4161, 0.4155



16.1143, 0.3290, 0.3324



10.8626, 0.6273, 0.3401



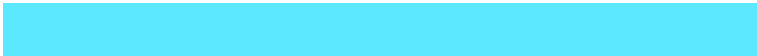
1.0135, 0.6062, 0.3569

Inverse Universe

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



63.2387, 0.2399, 0.3065



67.3319, 0.2297, 0.3011



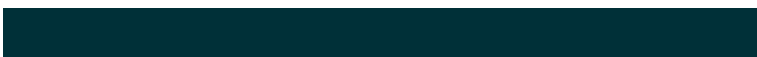
35.1717, 0.2223, 0.2204



17.5310, 0.2981, 0.3256



27.8949, 0.2123, 0.2842



2.4230, 0.2141, 0.2907

Previews

White Background



This preview shows how the Yxy color 36.3021, 0.4582, 0.3486 looks on a white background.

Color Contrast Check

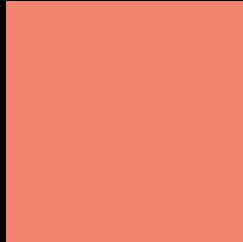
Large Text (above 18pt) WCAG AA × Fail

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 36.3021, 0.4582, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

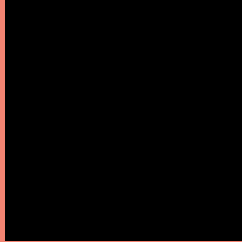
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3021, 0.4582, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 36.3021, 0.4582, 0.3486.



This preview shows how white text looks on a background with the Yxy color 36.3021, 0.4582, 0.3486.

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

36.3021, 0.4582, 0.3486

Protanopia

36.7254, 0.3564, 0.3807

Deuteranopia

36.4617, 0.3997, 0.3928



Tritanopia

36.4776, 0.4341, 0.3197

Trichromacy



Original Color

36.3021, 0.4582, 0.3486

Protanomaly

35.6805, 0.3927, 0.3675

Deuteranomaly

35.9903, 0.4210, 0.3751

Tritanomaly

36.3137, 0.4433, 0.3305

Monochromacy



Original Color

36.3021, 0.4582, 0.3486

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.2232, 0.3614, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3021, 0.4582, 0.3486 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(242, 131, 113)` looks like.

```
.text, #text, p{  
    color:rgb(242, 131, 113)  
}
```

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(242, 131, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 131, 113) }
```

Border

The CSS property to change the border of an element to Yxy 36.3021, 0.4582, 0.3486 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(242, 131, 113) }
```

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

```
.border{ border-color:rgb(242, 131, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 131, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 131, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 131, 113);  
box-shadow:4px 4px 4px 4px rgb(242, 131,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3021, 0.4582, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 131, 113) }
```

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

```
.background{ background-color: rgb(242,  
131, 113) }
```

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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