

Converting Colors

$Y_{xy}(28.8447, 0.5003, 0.3321)$

Have a look what the booklet for
Yxy(28.8447, 0.5003, 0.3321)
contains.

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Color

Yxy(28.8414, 0.5009, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	F36361
RGB	243, 99, 97
RGB Percent	95%, 39%, 38%
CMY	0.0471, 0.6117, 0.6196
CMYK	0.00, 0.59, 0.60, 0.05
HSL	1°, 86%, 67%
HSV	1°, 60%, 95%
XYZ	43.5797, 28.8414, 14.5817
YIQ	141.8280, 86.4660, 29.9060

Conversions

Conversions Part 2

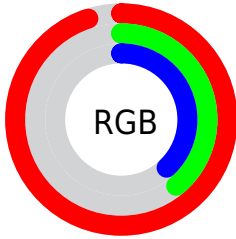
Format	Color
RYB	243, 99, 97
Decimal	15950689
CIELab	60.64, 55.20, 29.82
CIElCh	61, 62.741, 28.374
Yxy	28.8414, 0.5009, 0.3315
Android (android.graphics.Color)	4294140769 (0xFFFF36361)
YUV	141.8280, -22.1002, 88.7278
Hunter-Lab	53.7042, 50.8661, 21.4946

Details

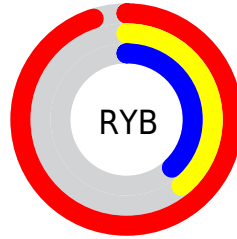
The Yxy color **28.8414, 0.5009, 0.3315** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71.9139, 0.2385, 0.3263**, and the grayscale version is **27.0447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8408, 0.4191, 0.3367**, and **11.6486, 0.5618, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **24.5693, 0.5489, 0.3316**, and if you desaturate by 10%, it is **34.6024, 0.4547, 0.3312**.

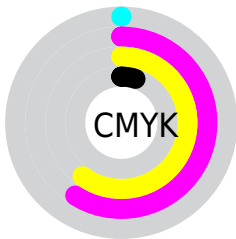
Distribution



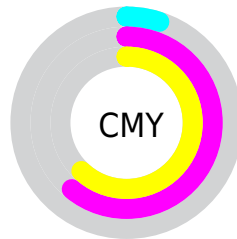
- Red (95%)
- Green (39%)
- Blue (38%)



- Red (95%)
- Yellow (39%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (60%)
- Black (5%)





- Cyan (5%)
- Magenta (61%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8414, 0.5009, 0.3315 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 28.8414, 0.5009, 0.3315 by changing the saturation by 10% instead.


 28.8414, 0.5009,
0.3315

 28.8414, 0.5009,
0.3315


296.4659, 0.3995,
0.3366

 18.9609, 0.5276,
0.3276


 57.8250, 0.4628,
0.3352


 11.6420, 0.5621,
0.3208


 77.6969, 0.4488,
0.3360

 6.5004, 0.6076,
0.3087


 101.6680, 0.4371,
0.3365

 3.1517, 0.6744,
0.2887

 130.1227, 0.4273,
0.3367

 1.2114, 0.7552,
0.2448

163.4455, 0.4188,
0.3368

 0.0710, 0.9563,
0.0437

202.0207, 0.4115,

 0.0000, 1.0000,

0.3368


0.0000


246.2327, 0.4051,
0.3367

 0.0000, 0.0000,
0.0000


 28.8414, 0.5009,
0.3315


 28.8414, 0.5009,
0.3315


 24.5693, 0.5489,
0.3316


 34.6024, 0.4547,
0.3312


 21.6450, 0.5924,
0.3314


 41.9670, 0.4141,
0.3308

 19.9088, 0.6236,
0.3309


 51.0442, 0.3802,
0.3303

 19.1254, 0.6394,
0.3305

 61.9324, 0.3526,
0.3298

 74.7221, 0.3305,
0.3294

 89.4981, 0.3128,
0.3290

 97.7930, 0.3054,
0.3290

Harmonies

Analogous

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



28.8414, 0.4287, 0.2678



28.8414, 0.5009, 0.3315



28.8414, 0.5067, 0.4010

Triad

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



28.8414, 0.5009, 0.3315



28.8414, 0.2770, 0.4948



28.8414, 0.1723, 0.1843

Complementary

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



28.8414, 0.5009, 0.3315



71.9139, 0.2385, 0.3263

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.



28.8414, 0.1473, 0.2124



28.8414, 0.5009, 0.3315



28.8414, 0.1981, 0.3920

Square

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



28.8414, 0.5009, 0.3315



28.8414, 0.3707, 0.5180



28.8414, 0.1545, 0.2814



28.8414, 0.2309, 0.1875

Rectangle

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



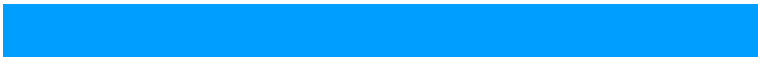
28.8414, 0.5009, 0.3315



28.8414, 0.4769, 0.4483



28.8414, 0.1545, 0.2814



28.8414, 0.1604, 0.1898

Sweetspot

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



28.8430, 0.5009, 0.3315



71.8287, 0.3477, 0.3297



34.0748, 0.3193, 0.1895



14.5428, 0.3548, 0.3299



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.



28.8430, 0.5009, 0.3315



26.6073, 0.5587, 0.3316



48.6658, 0.4456, 0.4054



16.5189, 0.3293, 0.3294



10.5134, 0.6391, 0.3308



0.9366, 0.6366, 0.3328

Inverse Universe

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



71.9139, 0.2385, 0.3263



78.4957, 0.2309, 0.3258



37.7620, 0.2171, 0.2310



18.7164, 0.2981, 0.3286



37.6634, 0.2235, 0.3246



3.3226, 0.2237, 0.3251

Previews

White Background



This preview shows how the Yxy color 28.8414, 0.5009, 0.3315 looks on a white background.

Color Contrast Check

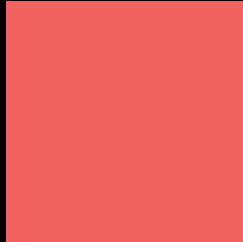
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8414, 0.5009, 0.3315 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 × Fail

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

Yxy 28.8414, 0.5009, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 28.8414, 0.5009, 0.3315.



This preview shows how white text looks on a background with the Yxy color 28.8414, 0.5009, 0.3315.

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

28.8414, 0.5009, 0.3315

Protanopia

28.9100, 0.3529, 0.3750

Deuteranopia

28.8415, 0.4083, 0.4012



Tritanopia

28.7895, 0.4927, 0.3236

Trichromacy



Original Color

28.8414, 0.5009, 0.3315

Protanomaly

27.5177, 0.4061, 0.3558

Deuteranomaly

27.8751, 0.4438, 0.3704

Tritanomaly

28.7296, 0.4966, 0.3266

Monochromacy



Original Color

28.8414, 0.5009, 0.3315

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.0118, 0.3774, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8414, 0.5009, 0.3315 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(243, 99, 97)` looks like.

```
.text, #text, p{  
    color:rgb(243, 99, 97)  
}
```

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(243, 99, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 99, 97) }
```

Border

The CSS property to change the border of an element to Yxy 28.8414, 0.5009, 0.3315 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(243, 99, 97) }
```

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

```
.border{ border-color:rgb(243, 99, 97) }
```

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

Here you see how a box with a 4 pixel rgb(243, 99, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 99, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 99, 97);  
box-shadow:4px 4px 4px 4px rgb(243, 99,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8414, 0.5009, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 99, 97) }
```

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

```
.background{ background-color: rgb(243, 99,  
97) }
```

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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