

Converting Colors

$Y_{xy}(32.3705, 0.4803, 0.3435)$

Have a look what the booklet for
Yxy(32.3705, 0.4803, 0.3435)
contains.

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Color

Yxy(32.3473, 0.4803, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	F27467
RGB	242, 116, 103
RGB Percent	95%, 45%, 40%
CMY	0.0510, 0.5450, 0.5962
CMYK	0.00, 0.52, 0.57, 0.05
HSL	6°, 84%, 68%
HSV	6°, 57%, 95%
XYZ	45.3089, 32.3473, 16.6783
YIQ	152.1920, 79.2690, 22.6690

Conversions

Conversions Part 2

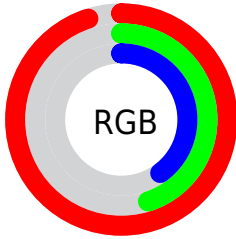
Format	Color
R_{YB}	242, 117, 103
Decimal	15889511
CIE _{Lab}	63.63, 47.36, 30.28
CIE _{LCh}	64, 56.212, 32.594
Yxy	32.3473, 0.4803, 0.3429
Android (android.graphics.Color)	4294079591 (0xFFFF27467)
YUV	152.1920, -24.2517, 78.7616
Hunter-Lab	56.8747, 42.6702, 22.4257

Details

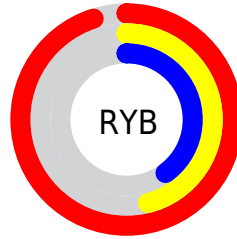
The Yxy color **32.3473, 0.4803, 0.3429** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **65.3007, 0.2375, 0.3126**, and the grayscale version is **31.5686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7189, 0.4059, 0.3472**, and **13.6643, 0.5326, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **27.4582, 0.5259, 0.3435**, and if you desaturate by 10%, it is **38.5735, 0.4381, 0.3411**.

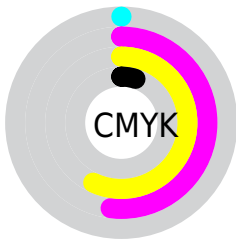
Distribution



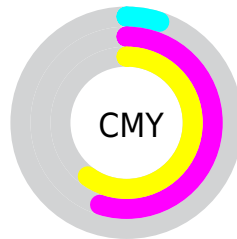
- Red (95%)
- Green (45%)
- Blue (40%)



- Red (95%)
- Yellow (46%)
- Blue (40%)



- Cyan (0%)
- Magenta (52%)
- Yellow (57%)
- Black (5%)




- Cyan (5%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3473, 0.4803, 0.3429 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 32.3473, 0.4803, 0.3429 by changing the saturation by 10% instead.


 32.3473, 0.4803,
0.3429


 32.3473, 0.4803,
0.3429

312.6983, 0.3914,
0.3411

 21.6269, 0.5034,
0.3412


 63.3551, 0.4471,
0.3437


 13.5830, 0.5332,
0.3377


 84.4114, 0.4349,
0.3436

 7.8312, 0.5724,
0.3305


 109.6817, 0.4246,
0.3432

 3.9871, 0.6260,
0.3161

 139.5505, 0.4160,
0.3428

 1.6664, 0.7100,
0.2900

174.4022, 0.4085,
0.3424

 0.4017, 0.8131,
0.1869

214.6211, 0.4020,

 0.0000, 1.0000,

0.3420

0.0000

260.5917, 0.3964,
0.3415

■ 0.0000, 0.0000,
0.0000

■ 32.3473, 0.4803,
0.3429

■ 32.3473, 0.4803,
0.3429

■ 27.4582, 0.5259,
0.3435

■ 38.5735, 0.4381,
0.3411

■ 23.8032, 0.5702,
0.3425

■ 46.2194, 0.4014,
0.3387

■ 21.2728, 0.6068,
0.3396


■ 55.3674, 0.3708,
0.3360


■ 19.7347, 0.6301,
0.3354

■ 66.0916, 0.3457,
0.3333

■ 19.4777, 0.6342,
0.3346

■ 78.4617, 0.3253,
0.3308

 92.5428, 0.3088,
0.3284

 97.6163, 0.3047,
0.3290

Harmonies

Analogous

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



32.3473, 0.4246, 0.2835



32.3473, 0.4803, 0.3429



32.3473, 0.4800, 0.4060

Triad

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



32.3473, 0.4803, 0.3429



32.3473, 0.2727, 0.4597



32.3473, 0.1937, 0.1993

Complementary

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



32.3473, 0.4803, 0.3429



65.3007, 0.2375, 0.3126

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.



32.3473, 0.1665, 0.2217



32.3473, 0.4803, 0.3429



32.3473, 0.2055, 0.3695

Square

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



32.3473, 0.4803, 0.3429



32.3473, 0.3555, 0.4935



32.3473, 0.1696, 0.2787



32.3473, 0.2513, 0.2052

Rectangle

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



32.3473, 0.4803, 0.3429



32.3473, 0.4517, 0.4464



32.3473, 0.1696, 0.2787



32.3473, 0.1813, 0.2033

Sweetspot

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



32.3490, 0.4803, 0.3429



74.9635, 0.3448, 0.3332



34.3062, 0.3303, 0.2030



15.4898, 0.3494, 0.3338



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.



32.3490, 0.4803, 0.3429



30.1116, 0.5338, 0.3435



54.1633, 0.4301, 0.4144



15.9973, 0.3291, 0.3313



10.5491, 0.6327, 0.3358



0.9579, 0.6165, 0.3487

Inverse Universe

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



65.3007, 0.2375, 0.3126



70.3169, 0.2283, 0.3087



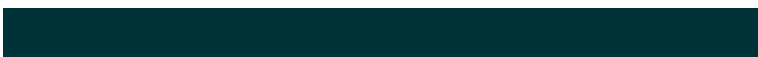
34.7449, 0.2174, 0.2199



17.6604, 0.2981, 0.3267



30.8504, 0.2165, 0.2993



2.6397, 0.2177, 0.3035

Previews

White Background



This preview shows how the Yxy color 32.3473, 0.4803, 0.3429 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 32.3473, 0.4803, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

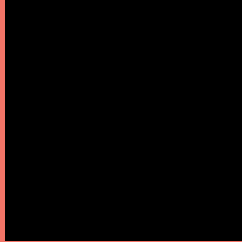
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3473, 0.4803, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 32.3473, 0.4803, 0.3429.



This preview shows how white text looks on a background with the Yxy color 32.3473, 0.4803, 0.3429.

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

32.3473, 0.4803, 0.3429

Protanopia

32.4424, 0.3579, 0.3819

Deuteranopia

32.6077, 0.4069, 0.3991



Tritanopia

32.2454, 0.4612, 0.3211

Trichromacy



Original Color

32.3473, 0.4803, 0.3429

Protanomaly

31.2859, 0.4018, 0.3660

Deuteranomaly

31.7746, 0.4350, 0.3758

Tritanomaly

32.3042, 0.4693, 0.3295

Monochromacy



Original Color

32.3473, 0.4803, 0.3429

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5008, 0.3698, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3473, 0.4803, 0.3429 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, 116, 103)` looks like.

```
.text, #text, p{  
    color:rgb(242, 116, 103)  
}
```

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, 116, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 116, 103) }
```

Border

The CSS property to change the border of an element to Yxy 32.3473, 0.4803, 0.3429 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, 116, 103) }
```

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

```
.border{ border-color:rgb(242, 116, 103) }
```

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

Here you see how a box with a 4 pixel rgb(242, 116, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 116, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 116, 103);  
box-shadow:4px 4px 4px 4px rgb(242, 116,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3473, 0.4803, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 116, 103) }
```

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

```
.background{ background-color: rgb(242,  
116, 103) }
```

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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