

Converting Colors

$Y_{xy}(32.3109, 0.4775, 0.3427)$

Have a look what the booklet for
Yxy(32.3109, 0.4775, 0.3427)
contains.

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Color

Yxy(32.4228, 0.4775, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	F17568
RGB	241, 117, 104
RGB Percent	95%, 46%, 41%
CMY	0.0549, 0.5412, 0.5923
CMYK	0.00, 0.51, 0.57, 0.05
HSL	6°, 83%, 68%
HSV	6°, 57%, 95%
XYZ	45.1367, 32.4228, 16.9676
YIQ	152.5940, 78.0770, 22.2450

Conversions

Conversions Part 2

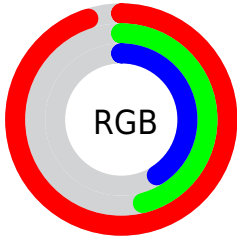
Format	Color
R _Y B	241, 118, 104
Decimal	15824232
CIE Lab	63.69, 46.60, 29.77
CIE LCh	64, 55.296, 32.575
Yxy	32.4228, 0.4775, 0.3430
Android (android.graphics.Color)	4294014312 (0xFFFF17568)
YUV	152.5940, -23.9568, 77.5321
Hunter-Lab	56.9410, 41.8487, 22.1911

Details

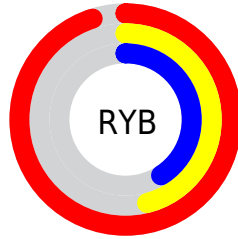
The Yxy color **32.4228, 0.4775, 0.3430** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **64.7659, 0.2380, 0.3126**, and the grayscale version is **31.7501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1316, 0.4045, 0.3472**, and **13.6655, 0.5290, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **27.4991, 0.5229, 0.3437**, and if you desaturate by 10%, it is **38.6735, 0.4356, 0.3411**.

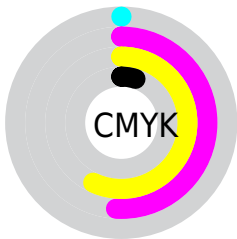
Distribution



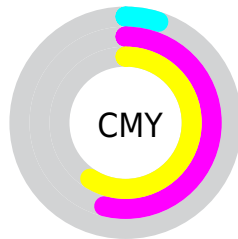
- Red (95%)
- Green (46%)
- Blue (41%)



- Red (95%)
- Yellow (46%)
- Blue (41%)



- Cyan (0%)
- Magenta (51%)
- Yellow (57%)
- Black (5%)





- Cyan (5%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4228, 0.4775, 0.3430 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 32.4228, 0.4775, 0.3430 by changing the saturation by 10% instead.


 32.4228, 0.4775,
0.3430


 32.4228, 0.4775,
0.3430


313.0408, 0.3900,
0.3409


 21.6846, 0.5003,
0.3415


 63.4733, 0.4448,
0.3437


 13.6254, 0.5296,
0.3382


 84.5545, 0.4328,
0.3435

 7.8606, 0.5684,
0.3313


 109.8521, 0.4227,
0.3431

 4.0059, 0.6213,
0.3173

 139.7505, 0.4142,
0.3427

 1.6768, 0.7070,
0.2930

174.6342, 0.4069,
0.3423

 0.4086, 0.8088,
0.1912

214.8876, 0.4005,

 0.0000, 1.0000,

0.3418

0.0000

260.8950, 0.3949,
0.3414

■ 0.0000, 0.0000,
0.0000

■ 32.4228, 0.4775,
0.3430

■ 32.4228, 0.4775,
0.3430

■ 27.4991, 0.5229,
0.3437

■ 38.6735, 0.4356,
0.3411

■ 23.8015, 0.5674,
0.3428

■ 46.3323, 0.3994,
0.3387

■ 21.2232, 0.6047,
0.3400

■ 55.4797, 0.3691,
0.3359

■ 19.6358, 0.6289,
0.3358

■ 66.1889, 0.3443,
0.3332

■ 19.3120, 0.6341,
0.3347

■ 78.5281, 0.3242,
0.3307

■ 92.5613, 0.3080,
0.3283

■ 97.4423, 0.3041,
0.3290

Harmonies

Analogous

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



32.4228, 0.4227, 0.2843



32.4228, 0.4775, 0.3430



32.4228, 0.4775, 0.4053

Triad

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



32.4228, 0.4775, 0.3430



32.4228, 0.2736, 0.4572



32.4228, 0.1953, 0.2011

Complementary

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



32.4228, 0.4775, 0.3430



64.7659, 0.2380, 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.



32.4228, 0.1685, 0.2234



32.4228, 0.4775, 0.3430



32.4228, 0.2072, 0.3689

Square

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



32.4228, 0.4775, 0.3430



32.4228, 0.3552, 0.4906



32.4228, 0.1717, 0.2797



32.4228, 0.2523, 0.2068

Rectangle

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



32.4228, 0.4775, 0.3430



32.4228, 0.4499, 0.4450



32.4228, 0.1717, 0.2797



32.4228, 0.1831, 0.2052

Sweetspot

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



32.4245, 0.4775, 0.3430



74.9913, 0.3448, 0.3333



34.2870, 0.3301, 0.2041



15.4963, 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.



32.4245, 0.4775, 0.3430



30.6157, 0.5291, 0.3437



53.9445, 0.4287, 0.4137



16.0005, 0.3291, 0.3313



10.5564, 0.6326, 0.3359



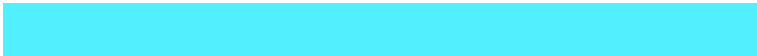
0.9595, 0.6162, 0.3489

Inverse Universe

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



64.7659, 0.2380, 0.3126



70.4414, 0.2289, 0.3088



34.8066, 0.2183, 0.2213



17.6569, 0.2981, 0.3267



30.7666, 0.2164, 0.2989



2.6336, 0.2176, 0.3032

Previews

White Background



This preview shows how the Yxy color 32.4228, 0.4775, 0.3430 looks on a white background.

Color Contrast Check

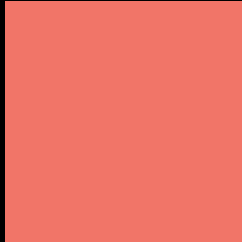
Large Text (above 18pt) WCAG AA × Fail

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 32.4228, 0.4775, 0.3430 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 32.4228, 0.4775, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 32.4228, 0.4775, 0.3430.



This preview shows how white text looks on a background with the Yxy color 32.4228, 0.4775, 0.3430.

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

32.4228, 0.4775, 0.3430

Protanopia

32.4666, 0.3569, 0.3803

Deuteranopia

32.6264, 0.4059, 0.3978



Tritanopia

32.3170, 0.4584, 0.3210

Trichromacy



Original Color

32.4228, 0.4775, 0.3430

Protanomaly

31.6021, 0.4001, 0.3660

Deuteranomaly

32.0768, 0.4332, 0.3758

Tritanomaly

32.3765, 0.4665, 0.3295

Monochromacy



Original Color

32.4228, 0.4775, 0.3430

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8197, 0.3683, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4228, 0.4775, 0.3430 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(241, 117, 104)` looks like.

```
.text, #text, p{  
    color:rgb(241, 117, 104)  
}
```

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(241, 117, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 117, 104) }
```

Border

The CSS property to change the border of an element to Yxy 32.4228, 0.4775, 0.3430 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(241, 117, 104) }
```

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

```
.border{ border-color:rgb(241, 117, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 117, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 117, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 117, 104);  
box-shadow:4px 4px 4px 4px rgb(241, 117,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4228, 0.4775, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 117, 104) }
```

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

```
.background{ background-color: rgb(241,  
117, 104) }
```

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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