

Converting Colors

$Y_{xy}(32.4897, 0.4619, 0.3282)$

Have a look what the booklet for
Yxy(32.4897, 0.4619, 0.3282)
contains.

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Color

Yxy(32.4759, 0.4624, 0.3284)

Conversions

Conversions Part 1

Format	Color
Hex	F17475
RGB	241, 116, 117
RGB Percent	95%, 45%, 46%
CMY	0.0550, 0.5450, 0.5412
CMYK	0.00, 0.52, 0.51, 0.05
HSL	360°, 82%, 70%
HSV	360°, 52%, 95%
XYZ	45.7273, 32.4759, 20.6881
YIQ	153.4890, 74.1790, 26.8110

Conversions

Conversions Part 2

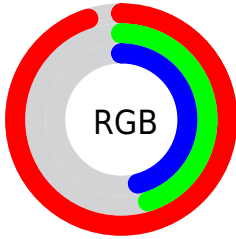
Format	Color
R _Y B	241, 116, 117
Decimal	15823989
CIE Lab	63.73, 48.10, 22.49
CIE LCh	64, 53.104, 25.062
Yxy	32.4759, 0.4624, 0.3284
Android (android.graphics.Color)	4294014069 (0xFFFF17475)
YUV	153.4890, -17.9891, 76.7471
Hunter-Lab	56.9876, 43.5015, 18.3675

Details

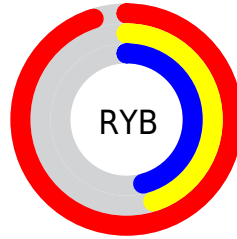
The Yxy color **32.4759, 0.4624, 0.3284** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72.9055, 0.2462, 0.3300**, and the grayscale version is **32.1379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2504, 0.3918, 0.3313**, and **13.5782, 0.5110, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **27.1305, 0.5093, 0.3285**, and if you desaturate by 10%, it is **39.4091, 0.4206, 0.3284**.

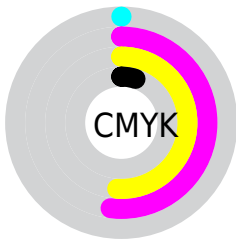
Distribution



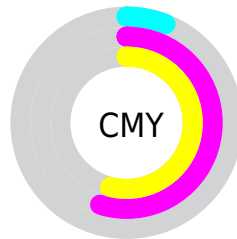
- Red (95%)
- Green (45%)
- Blue (46%)



- Red (95%)
- Yellow (45%)
- Blue (46%)



- Cyan (0%)
- Magenta (52%)
- Yellow (51%)
- Black (5%)



- Cyan (6%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4759, 0.4624, 0.3284 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 32.4759, 0.4624, 0.3284 by changing the saturation by 10% instead.


 32.4759, 0.4624,
0.3284


 32.4759, 0.4624,
0.3284


313.2815, 0.3826,
0.3325


 21.7253, 0.4835,
0.3259


 63.5564, 0.4324,
0.3310

 13.6552, 0.5111,
0.3217


 84.6551, 0.4214,
0.3316

 7.8812, 0.5483,
0.3143


 109.9718, 0.4123,
0.3320

 4.0190, 0.6003,
0.3005

139.8911, 0.4045,
0.3323

 1.6842, 0.7021,
0.2839

174.7974, 0.3979,
0.3324

 0.4134, 0.8129,
0.1871

215.0749, 0.3921,


 0.0000, 1.0000,


0.3325


0.0000


261.1081, 0.3871,
0.3325


 0.0000, 0.0000,
0.0000

 32.4759, 0.4624,
0.3284


 32.4759, 0.4624,
0.3284

 27.1305, 0.5093,
0.3285


 39.4091, 0.4206,
0.3284


 23.2426, 0.5572,
0.3287


 48.0365, 0.3855,
0.3285


 20.6702, 0.5991,
0.3290


 58.4614, 0.3569,
0.3287

 19.2403, 0.6276,
0.3295

 70.7775, 0.3340,
0.3288

 18.7017, 0.6395,
0.3296

 85.0718, 0.3157,
0.3290

 97.4375, 0.3041,
0.3290

Harmonies

Analogous

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



32.4759, 0.3989, 0.2731



32.4759, 0.4624, 0.3284



32.4759, 0.4764, 0.3886

Triad

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



32.4759, 0.4624, 0.3284



32.4759, 0.2948, 0.4657



32.4759, 0.1900, 0.2081

Complementary

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



32.4759, 0.4624, 0.3284



72.9055, 0.2462, 0.3300

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.



32.4759, 0.1712, 0.2378



32.4759, 0.4624, 0.3284



32.4759, 0.2249, 0.3907

Square

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



32.4759, 0.4624, 0.3284



32.4759, 0.3739, 0.4819



32.4759, 0.1821, 0.3012



32.4759, 0.2381, 0.2071

Rectangle

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



32.4759, 0.4624, 0.3284



32.4759, 0.4573, 0.4280



32.4759, 0.1821, 0.3012



32.4759, 0.1805, 0.2145

Sweetspot

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



32.4776, 0.4624, 0.3284



74.3361, 0.3429, 0.3288



37.1786, 0.3166, 0.2040



15.2944, 0.3477, 0.3287



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.



32.4776, 0.4624, 0.3284



30.6754, 0.5110, 0.3285



51.1741, 0.4243, 0.3945



15.7609, 0.3292, 0.3289



10.1442, 0.6392, 0.3295



0.8446, 0.6370, 0.3283

Inverse Universe

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



32.4776, 0.4624, 0.3284



30.6754, 0.5110, 0.3285



42.9431, 0.2299, 0.2499



15.7609, 0.3292, 0.3289



10.1442, 0.6392, 0.3295



0.8446, 0.6370, 0.3283

Previews

White Background



This preview shows how the Yxy color 32.4759, 0.4624, 0.3284 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 32.4759, 0.4624, 0.3284 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 32.4759, 0.4624, 0.3284

Background



This preview shows how black text looks on a background with the Yxy color 32.4759, 0.4624, 0.3284.



This preview shows how white text looks on a background with the Yxy color 32.4759, 0.4624, 0.3284.

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

32.4759, 0.4624, 0.3284

Protanopia

32.5419, 0.3390, 0.3578

Deuteranopia

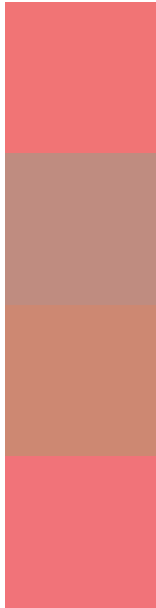
32.5400, 0.3885, 0.3798



Tritanopia

32.3923, 0.4555, 0.3209

Trichromacy



Original Color

32.4759, 0.4624, 0.3284

Protanomaly

31.3910, 0.3828, 0.3457

Deuteranomaly

31.8024, 0.4163, 0.3576

Tritanomaly

32.3427, 0.4580, 0.3231

Monochromacy



Original Color

32.4759, 0.4624, 0.3284

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.9639, 0.3627, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4759, 0.4624, 0.3284 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, 116, 117)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 117)  
}
```

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, 116, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 117) }
```

Border

The CSS property to change the border of an element to Yxy 32.4759, 0.4624, 0.3284 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, 116, 117) }
```

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

```
.border{ border-color:rgb(241, 116, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 116, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 116, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 116, 117);  
box-shadow:4px 4px 4px 4px rgb(241, 116,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4759, 0.4624, 0.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 116, 117) }
```

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

```
.background{ background-color: rgb(241,  
116, 117) }
```

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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