

Converting Colors

$Y_{xy}(32.8649, 0.4449, 0.3168)$

Have a look what the booklet for
Yxy(32.8649, 0.4449, 0.3168)
contains.

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Color

Yxy(32.8926, 0.4443, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	EF7681
RGB	239, 118, 129
RGB Percent	94%, 46%, 51%
CMY	0.0627, 0.5373, 0.4941
CMYK	0.00, 0.51, 0.46, 0.06
HSL	355°, 79%, 70%
HSV	355°, 51%, 94%
XYZ	46.0434, 32.8926, 24.6954
YIQ	155.4330, 68.5850, 29.0730

Conversions

Conversions Part 2

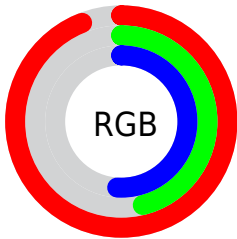
Format	Color
R_{YB}	239, 118, 129
Decimal	15693441
CIE _{Lab}	64.07, 47.54, 16.09
CIE _{LCh}	64, 50.190, 18.698
Yxy	32.8926, 0.4443, 0.3174
Android (android.graphics.Color)	4293883521 (0xFFEF7681)
YUV	155.4330, -13.0315, 73.2883
Hunter-Lab	57.3521, 42.9373, 14.6166

Details

The Yxy color **32.8926, 0.4443, 0.3174** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **71.1974, 0.2518, 0.3424**, and the grayscale version is **33.0167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5245, 0.3790, 0.3197**, and **13.9435, 0.4873, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **27.4431, 0.4872, 0.3162**, and if you desaturate by 10%, it is **39.8943, 0.4069, 0.3194**.

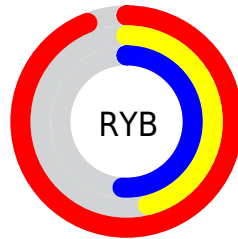
Distribution



Red (94%)

Green (46%)

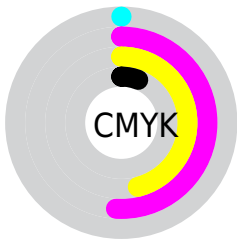
Blue (51%)



Red (94%)

Yellow (46%)

Blue (51%)

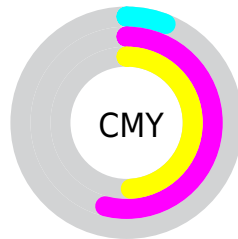


Cyan (0%)

Magenta (51%)

Yellow (46%)

Black (6%)



Cyan (6%)


Magenta (54%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8926, 0.4443, 0.3174 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 32.8926, 0.4443, 0.3174 by changing the saturation by 10% instead.


 32.8926, 0.4443,
0.3174


 32.8926, 0.4443,
0.3174


315.1655, 0.3742,
0.3261


 22.0442, 0.4630,
0.3142


 64.2078, 0.4179,
0.3213

 13.8894, 0.4876,
0.3094


 85.4434, 0.4082,
0.3225

 8.0438, 0.5212,
0.3018


 110.9102, 0.4002,
0.3235

 4.1230, 0.5692,
0.2888

140.9925, 0.3934,
0.3242

 1.7426, 0.6463,
0.2663

176.0748, 0.3876,
0.3248

 0.4510, 0.8025,
0.1975

216.5415, 0.3825,


 0.0000, 1.0000,


0.3253

0.0000

262.7769, 0.3781,
0.3257

 0.0000, 0.0000,
0.0000


 32.8926, 0.4443,
0.3174


 32.8926, 0.4443,
0.3174


 27.4431, 0.4872,
0.3162


 39.8943, 0.4069,
0.3194


 23.4229, 0.5330,
0.3163


 48.5486, 0.3757,
0.3218


 20.6989, 0.5766,
0.3182


 58.9536, 0.3504,
0.3242

 19.1108, 0.6114,
0.3217

 71.1981, 0.3300,
0.3266

 18.4114, 0.6318,
0.3254

 85.3651, 0.3136,
0.3289

 97.0943, 0.3029,
0.3290

Harmonies

Analogous

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



32.8926, 0.3774, 0.2662



32.8926, 0.4443, 0.3174



32.8926, 0.4687, 0.3746

Triad

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



32.8926, 0.4443, 0.3174



32.8926, 0.3125, 0.4652



32.8926, 0.1899, 0.2179

Complementary

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



32.8926, 0.4443, 0.3174



71.1974, 0.2518, 0.3424

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.



32.8926, 0.1778, 0.2532



32.8926, 0.4443, 0.3174



32.8926, 0.2424, 0.4046

Square

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



32.8926, 0.4443, 0.3174



32.8926, 0.3866, 0.4694



32.8926, 0.1950, 0.3200



32.8926, 0.2301, 0.2112

Rectangle

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



32.8926, 0.4443, 0.3174



32.8926, 0.4576, 0.4125



32.8926, 0.1950, 0.3200



32.8926, 0.1827, 0.2262

Sweetspot

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



32.8943, 0.4443, 0.3174



75.9366, 0.3384, 0.3256



35.5054, 0.3071, 0.2030



15.6162, 0.3428, 0.3251



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.



32.8943, 0.4443, 0.3174



31.4754, 0.4898, 0.3162



47.0812, 0.4271, 0.3824



15.7822, 0.3279, 0.3269



10.1806, 0.6298, 0.3243



0.8548, 0.6067, 0.3116

Inverse Universe

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



32.8943, 0.4443, 0.3174



31.4754, 0.4898, 0.3162



47.1753, 0.2345, 0.2660



15.7822, 0.3279, 0.3269



10.1806, 0.6298, 0.3243



0.8548, 0.6067, 0.3116

Previews

White Background



This preview shows how the Yxy color 32.8926, 0.4443, 0.3174 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 32.8926, 0.4443, 0.3174 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 32.8926, 0.4443, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 32.8926, 0.4443, 0.3174.



This preview shows how white text looks on a background with the Yxy color 32.8926, 0.4443, 0.3174.

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

32.8926, 0.4443, 0.3174

Protanopia

33.0544, 0.3242, 0.3395

Deuteranopia

33.2130, 0.3729, 0.3660



Tritanopia

32.8399, 0.4468, 0.3196

Trichromacy



Original Color

32.8926, 0.4443, 0.3174

Protanomaly

32.0879, 0.3653, 0.3305

Deuteranomaly

32.3798, 0.3993, 0.3449

Tritanomaly

32.8661, 0.4455, 0.3185

Monochromacy



Original Color

32.8926, 0.4443, 0.3174

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.8604, 0.3566, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8926, 0.4443, 0.3174 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(239, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(239, 118, 129)  
}
```

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(239, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 118, 129) }
```

Border

The CSS property to change the border of an element to Yxy 32.8926, 0.4443, 0.3174 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(239, 118, 129) }
```

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

```
.border{ border-color:rgb(239, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 118, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 118, 129);  
box-shadow:4px 4px 4px 4px rgb(239, 118,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8926, 0.4443, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 118, 129) }
```

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

```
.background{ background-color: rgb(239,  
118, 129) }
```

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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