

Converting Colors

$Y_{xy}(32.6319, 0.4481, 0.3134)$

Have a look what the booklet for
Yxy(32.6319, 0.4481, 0.3134)
contains.

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Color

Yxy(32.7504, 0.4476, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	F27382
RGB	242, 115, 130
RGB Percent	95%, 45%, 51%
CMY	0.0510, 0.5489, 0.4902
CMYK	0.00, 0.52, 0.46, 0.05
HSL	353°, 83%, 70%
HSV	353°, 52%, 95%
XYZ	46.7743, 32.7504, 24.9756
YIQ	154.6830, 70.8770, 31.5890

Conversions

Conversions Part 2

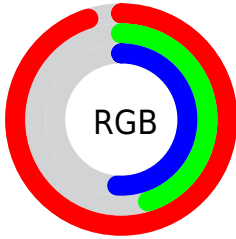
Format	Color
R _{YB}	242, 115, 130
Decimal	15889282
CIE Lab	63.96, 50.11, 15.43
CIE LCh	64, 52.428, 17.117
Yxy	32.7504, 0.4476, 0.3134
Android (android.graphics.Color)	4294079362 (0xFFFF27382)
YUV	154.6830, -12.1687, 76.5770
Hunter-Lab	57.2280, 45.7451, 14.1841

Details

The Yxy color **32.7504, 0.4476, 0.3134** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72.6879, 0.2517, 0.3473**, and the grayscale version is **32.6647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4283, 0.3789, 0.3155**, and **13.8767, 0.4922, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **27.4229, 0.4901, 0.3120**, and if you desaturate by 10%, it is **39.6484, 0.4103, 0.3159**.

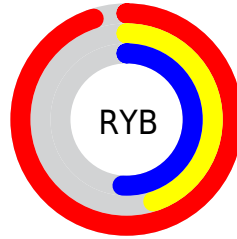
Distribution



Red (95%)

Green (45%)

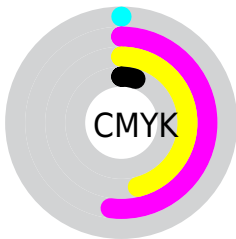
Blue (51%)



Red (95%)

Yellow (45%)

Blue (51%)

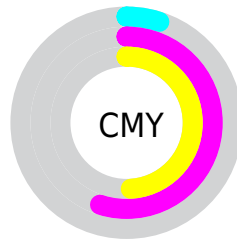


Cyan (0%)

Magenta (52%)

Yellow (46%)

Black (5%)



Cyan (5%)


Magenta (55%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7504, 0.4476, 0.3134 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 32.7504, 0.4476, 0.3134 by changing the saturation by 10% instead.


 32.7504, 0.4476,
0.3134

 32.7504, 0.4476,
0.3134


314.5235, 0.3758,
0.3242


 21.9353, 0.4668,
0.3096


 63.9856, 0.4205,
0.3181

 13.8094, 0.4919,
0.3042


 85.1746, 0.4107,
0.3196

 7.9882, 0.5263,
0.2956


 110.5903, 0.4024,
0.3208

 4.0874, 0.5754,
0.2814

140.6171, 0.3954,
0.3217

 1.7226, 0.6530,
0.2569

175.6394, 0.3895,
0.3225

 0.4382, 0.8140,
0.1860

216.0417, 0.3843,

 0.0000, 1.0000,

0.3232


0.0000


262.2082, 0.3797,
0.3237

 0.0000, 0.0000,
0.0000


 32.7504, 0.4476,
0.3134


 32.7504, 0.4476,
0.3134

 27.4229, 0.4901,
0.3120


 39.6484, 0.4103,
0.3159


 23.5374, 0.5351,
0.3123


 48.2219, 0.3790,
0.3190


 20.9538, 0.5775,
0.3148

 58.5729, 0.3534,
0.3222

 19.5012, 0.6110,
0.3195

 70.7936, 0.3328,
0.3253

 18.9612, 0.6280,
0.3233

 84.9699, 0.3163,
0.3283

 97.6147, 0.3047,
0.3290

Harmonies

Analogous

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



32.7504, 0.3758, 0.2612



32.7504, 0.4476, 0.3134



32.7504, 0.4755, 0.3723

Triad

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



32.7504, 0.4476, 0.3134



32.7504, 0.3160, 0.4739



32.7504, 0.1839, 0.2145

Complementary

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



32.7504, 0.4476, 0.3134



72.6879, 0.2517, 0.3473

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.



32.7504, 0.1729, 0.2525



32.7504, 0.4476, 0.3134



32.7504, 0.2425, 0.4129

Square

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



32.7504, 0.4476, 0.3134



32.7504, 0.3928, 0.4741



32.7504, 0.1920, 0.3236



32.7504, 0.2238, 0.2064

Rectangle

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



32.7504, 0.4476, 0.3134



32.7504, 0.4652, 0.4119



32.7504, 0.1920, 0.3236



32.7504, 0.1770, 0.2236

Sweetspot

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



32.7521, 0.4476, 0.3134



74.5697, 0.3397, 0.3242



34.6923, 0.3028, 0.1973



15.3492, 0.3439, 0.3236



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.



32.7521, 0.4476, 0.3134



30.5270, 0.4933, 0.3119



45.8034, 0.4356, 0.3796



15.7892, 0.3275, 0.3262



10.1977, 0.6255, 0.3219



0.8581, 0.5977, 0.3066

Inverse Universe

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



32.7521, 0.4476, 0.3134



30.5270, 0.4933, 0.3119



49.2796, 0.2331, 0.2689



15.7892, 0.3275, 0.3262



10.1977, 0.6255, 0.3219



0.8581, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 32.7504, 0.4476, 0.3134 looks on a white background.

Color Contrast Check

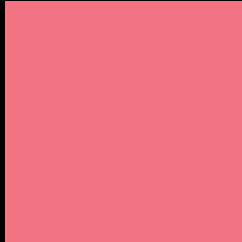
Large Text (above 18pt) WCAG AA × Fail

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 32.7504, 0.4476, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

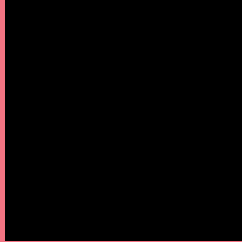
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7504, 0.4476, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 32.7504, 0.4476, 0.3134.



This preview shows how white text looks on a background with the Yxy color 32.7504, 0.4476, 0.3134.

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

32.7504, 0.4476, 0.3134

Protanopia

33.0156, 0.3213, 0.3365

Deuteranopia

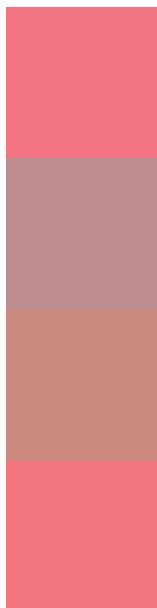
32.7739, 0.3722, 0.3648



Tritanopia

32.8233, 0.4547, 0.3209

Trichromacy



Original Color

32.7504, 0.4476, 0.3134

Protanomaly

31.5582, 0.3638, 0.3250

Deuteranomaly

32.0942, 0.3998, 0.3436

Tritanomaly

32.8744, 0.4521, 0.3188

Monochromacy



Original Color

32.7504, 0.4476, 0.3134

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.3963, 0.3583, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7504, 0.4476, 0.3134 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, 115, 130)` looks like.

```
.text, #text, p{  
    color:rgb(242, 115, 130)  
}
```

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, 115, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 115, 130) }
```

Border

The CSS property to change the border of an element to Yxy 32.7504, 0.4476, 0.3134 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, 115, 130) }
```

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

```
.border{ border-color:rgb(242, 115, 130) }
```

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

Here you see how a box with a 4 pixel rgb(242, 115, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 115, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 115, 130);  
box-shadow:4px 4px 4px 4px rgb(242, 115,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7504, 0.4476, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 115, 130) }
```

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

```
.background{ background-color: rgb(242,  
115, 130) }
```

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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