

Converting Colors

$Y_{xy}(32.7170, 0.4734, 0.3105)$

Have a look what the booklet for
Yxy(32.7170, 0.4734, 0.3105)
contains.

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Color

Yxy(32.8184, 0.4732, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	FF697C
RGB	255, 105, 124
RGB Percent	100%, 41%, 49%
CMY	0.0000, 0.5883, 0.5137
CMYK	0.00, 0.59, 0.51, 0.00
HSL	352°, 100%, 71%
HSV	352°, 59%, 100%
XYZ	49.9346, 32.8184, 22.7724
YIQ	152.0160, 83.3010, 37.7090

Conversions

Conversions Part 2

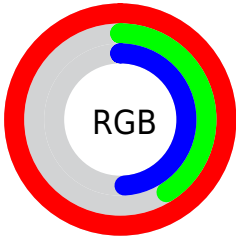
Format	Color
R_{YB}	255, 105, 124
Decimal	16738684
CIE Lab	64.01, 58.57, 19.24
CIE LCh	64, 61.644, 18.184
Yxy	32.8184, 0.4732, 0.3110
Android (android.graphics.Color)	4294928764 (0xFFFF697C)
YUV	152.0160, -13.8119, 90.3170
Hunter-Lab	57.2873, 55.3370, 16.5327

Details

The Yxy color **32.8184, 0.4732, 0.3110** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.5783, 0.2475, 0.3515**, and the grayscale version is **31.4379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8843, 0.3884, 0.3134**, and **13.8785, 0.5254, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **27.8773, 0.5175, 0.3105**, and if you desaturate by 10%, it is **39.4404, 0.4326, 0.3131**.

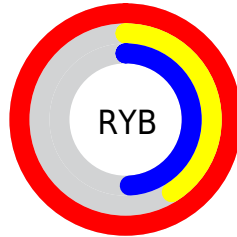
Distribution



Red (100%)

Green (41%)

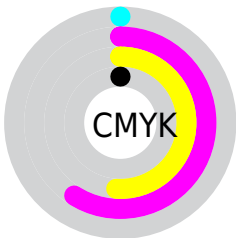
Blue (49%)



Red (100%)

Yellow (41%)

Blue (49%)

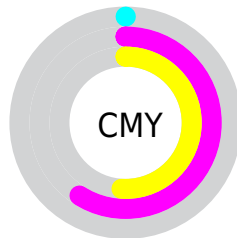


Cyan (0%)

Magenta (59%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.8184, 0.4732, 0.3110 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 32.8184, 0.4732, 0.3110 by changing the saturation by 10% instead.

 32.8184, 0.4732,
0.3110


 32.8184, 0.4732,
0.3110


314.8306, 0.3880,
0.3241

 21.9874, 0.4956,
0.3063


 64.0919, 0.4413,
0.3168

 13.8476, 0.5248,
0.2993


 85.3032, 0.4296,
0.3187

 8.0148, 0.5641,
0.2886

 110.7433, 0.4198,
0.3201

 4.1044, 0.6186,
0.2708

 140.7967, 0.4115,
0.3213

 1.7321, 0.7085,
0.2432

175.8477, 0.4043,
0.3222

 0.4443, 0.8387,
0.1613

216.2808, 0.3982,


 0.0000, 1.0000,

0.3230

0.0000


262.4803, 0.3928,
0.3236


 0.0000, 0.0000,
0.0000


 32.8184, 0.4732,
0.3110


 32.8184, 0.4732,
0.3110


 27.8773, 0.5175,
0.3105


 39.4404, 0.4326,
0.3131


 24.4690, 0.5614,
0.3123


 47.8817, 0.3976,
0.3160


 22.4114, 0.5989,
0.3165

 58.2615, 0.3687,
0.3194

 21.4459, 0.6247,
0.3222

 70.6899, 0.3452,
0.3229

 21.3660, 0.6270,
0.3228

 85.2689, 0.3263,
0.3262

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



32.8184, 0.3896, 0.2527



32.8184, 0.4732, 0.3110



32.8184, 0.5018, 0.3766

Triad

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



32.8184, 0.4732, 0.3110



32.8184, 0.3101, 0.5011



32.8184, 0.1672, 0.1967

Complementary

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



32.8184, 0.4732, 0.3110



80.5783, 0.2475, 0.3515

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.



32.8184, 0.1536, 0.2365



32.8184, 0.4732, 0.3110



32.8184, 0.2271, 0.4255

Square

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



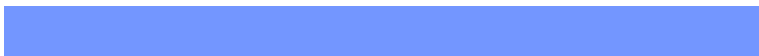
32.8184, 0.4732, 0.3110



32.8184, 0.3985, 0.4981



32.8184, 0.1724, 0.3170



32.8184, 0.2124, 0.1899

Rectangle

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



32.8184, 0.4732, 0.3110



32.8184, 0.4862, 0.4218



32.8184, 0.1724, 0.3170



32.8184, 0.1592, 0.2059

Sweetspot

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



32.8169, 0.4732, 0.3110



71.8120, 0.3435, 0.3232



34.9836, 0.3008, 0.1835



14.5391, 0.3497, 0.3222



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.



32.8169, 0.4732, 0.3110



27.0120, 0.5273, 0.3107



47.4197, 0.4570, 0.3845



18.0245, 0.3274, 0.3260



11.1758, 0.6244, 0.3213



1.0993, 0.5996, 0.3077

Inverse Universe

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



32.8169, 0.4732, 0.3110



27.0120, 0.5273, 0.3107



51.5301, 0.2246, 0.2599



18.0245, 0.3274, 0.3260



11.1758, 0.6244, 0.3213



1.0993, 0.5996, 0.3077

Previews

White Background



This preview shows how the Yxy color 32.8184, 0.4732, 0.3110 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 32.8184, 0.4732, 0.3110 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 32.8184, 0.4732, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 32.8184, 0.4732, 0.3110.



This preview shows how white text looks on a background with the Yxy color 32.8184, 0.4732, 0.3110.

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

32.8184, 0.4732, 0.3110

Protanopia

33.0862, 0.3233, 0.3380

Deuteranopia

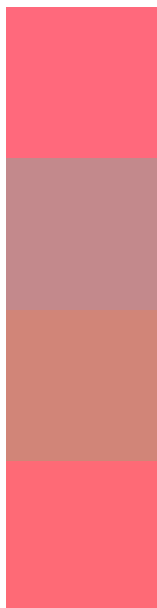
32.8465, 0.3817, 0.3744



Tritanopia

32.8011, 0.4838, 0.3228

Trichromacy



Original Color

32.8184, 0.4732, 0.3110

Protanomaly

31.3869, 0.3748, 0.3251

Deuteranomaly

31.6864, 0.4155, 0.3458

Tritanomaly

32.6869, 0.4794, 0.3179

Monochromacy



Original Color

32.8184, 0.4732, 0.3110

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.0998, 0.3665, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8184, 0.4732, 0.3110 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(255, 105, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 124)  
}
```

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(255, 105, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 124) }
```

Border

The CSS property to change the border of an element to Yxy 32.8184, 0.4732, 0.3110 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(255, 105, 124) }
```

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

```
.border{ border-color:rgb(255, 105, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 105, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8184, 0.4732, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 124) }
```

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

```
.background{ background-color: rgb(255,  
105, 124) }
```

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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