

Converting Colors

$Y_{xy}(32.1993, 0.4509, 0.3100)$

Have a look what the booklet for
Yxy(32.1993, 0.4509, 0.3100)
contains.

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Color

Yxy(32.2547, 0.4502, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	F37082
RGB	243, 112, 130
RGB Percent	95%, 44%, 51%
CMY	0.0471, 0.5607, 0.4902
CMYK	0.00, 0.54, 0.47, 0.05
HSL	352°, 84%, 70%
HSV	352°, 54%, 95%
XYZ	46.7818, 32.2547, 24.8769
YIQ	153.2210, 72.2980, 33.3700

Conversions

Conversions Part 2

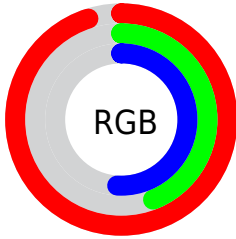
Format	Color
R _Y B	243, 112, 130
Decimal	15954050
CIE Lab	63.55, 51.87, 14.89
CIE LCh	64, 53.970, 16.019
Yxy	32.2547, 0.4502, 0.3104
Android (android.graphics.Color)	4294144130 (0xFFFF37082)
YUV	153.2210, -11.4480, 78.7362
Hunter-Lab	56.7932, 47.6461, 13.7848

Details

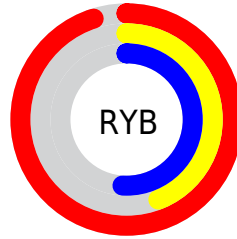
The Yxy color **32.2547, 0.4502, 0.3104** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72.9759, 0.2517, 0.3511**, and the grayscale version is **31.9860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3163, 0.3798, 0.3124**, and **13.4654, 0.4951, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **27.0907, 0.4924, 0.3089**, and if you desaturate by 10%, it is **38.9833, 0.4129, 0.3132**.

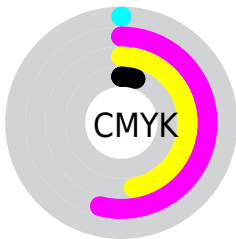
Distribution



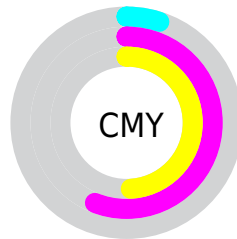
- Red (95%)
- Green (44%)
- Blue (51%)



- Red (95%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (54%)
- Yellow (47%)
- Black (5%)




- Cyan (5%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2547, 0.4502, 0.3104 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 32.2547, 0.4502, 0.3104 by changing the saturation by 10% instead.


 32.2547, 0.4502,
0.3104


 32.2547, 0.4502,
0.3104


312.2779, 0.3768,
0.3228

 21.5561, 0.4698,
0.3062


 63.2102, 0.4225,
0.3157

 13.5311, 0.4956,
0.3002


 84.2358, 0.4124,
0.3174

 7.7953, 0.5308,
0.2909


 109.4727, 0.4040,
0.3188

 3.9642, 0.5811,
0.2756

139.3050, 0.3969,
0.3199

 1.6536, 0.6610,
0.2496

174.1173, 0.3908,
0.3208

 0.3933, 0.8299,
0.1701

214.2940, 0.3855,

 0.0000, 1.0000,

0.3216

0.0000

260.2194, 0.3809,
0.3222

■ 0.0000, 0.0000,
0.0000

■ 32.2547, 0.4502,
0.3104

■ 32.2547, 0.4502,
0.3104

■ 27.0907, 0.4924,
0.3089

■ 38.9833, 0.4129,
0.3132

■ 23.3599, 0.5367,
0.3094

■ 47.3837, 0.3815,
0.3168

■ 20.9179, 0.5781,
0.3125


■ 57.5598, 0.3558,
0.3205

■ 19.5873, 0.6107,
0.3179

■ 69.6055, 0.3350,
0.3242

■ 19.1640, 0.6248,
0.3215

■ 83.6080, 0.3183,
0.3277

 97.7923, 0.3053,
0.3290

Harmonies

Analogous

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



32.2547, 0.3747, 0.2574



32.2547, 0.4502, 0.3104



32.2547, 0.4808, 0.3706

Triad

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



32.2547, 0.4502, 0.3104



32.2547, 0.3185, 0.4806



32.2547, 0.1793, 0.2119

Complementary

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



32.2547, 0.4502, 0.3104



72.9759, 0.2517, 0.3511

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.



32.2547, 0.1691, 0.2518



32.2547, 0.4502, 0.3104



32.2547, 0.2424, 0.4193

Square

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



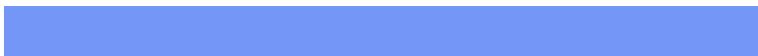
32.2547, 0.4502, 0.3104



32.2547, 0.3973, 0.4776



32.2547, 0.1896, 0.3263



32.2547, 0.2190, 0.2028

Rectangle

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



32.2547, 0.4502, 0.3104



32.2547, 0.4709, 0.4114



32.2547, 0.1896, 0.3263



32.2547, 0.1726, 0.2215

Sweetspot

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



32.2564, 0.4502, 0.3104



74.6111, 0.3391, 0.3234



33.8051, 0.3003, 0.1933



15.3589, 0.3432, 0.3227



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.



32.2564, 0.4502, 0.3104



29.6163, 0.4980, 0.3088



44.6278, 0.4417, 0.3785



16.5195, 0.3272, 0.3258



10.5305, 0.6221, 0.3200



0.9368, 0.5933, 0.3042

Inverse Universe

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



32.2564, 0.4502, 0.3104



29.6163, 0.4980, 0.3088



49.9159, 0.2318, 0.2699



16.5195, 0.3272, 0.3258



10.5305, 0.6221, 0.3200



0.9368, 0.5933, 0.3042

Previews

White Background



This preview shows how the Yxy color 32.2547, 0.4502, 0.3104 looks on a white background.

Color Contrast Check

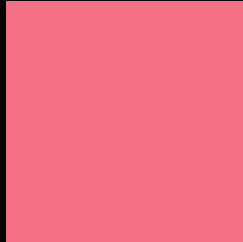
Large Text (above 18pt) WCAG AA × Fail

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 32.2547, 0.4502, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

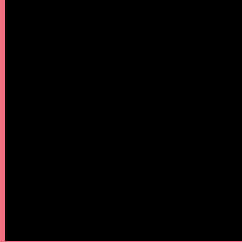
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2547, 0.4502, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 32.2547, 0.4502, 0.3104.



This preview shows how white text looks on a background with the Yxy color 32.2547, 0.4502, 0.3104.

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

32.2547, 0.4502, 0.3104

Protanopia

32.6473, 0.3186, 0.3320

Deuteranopia

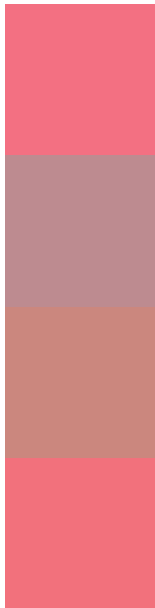
32.3383, 0.3715, 0.3635



Tritanopia

32.0680, 0.4602, 0.3210

Trichromacy



Original Color

32.2547, 0.4502, 0.3104

Protanomaly

31.2977, 0.3630, 0.3223

Deuteranomaly

31.5308, 0.4008, 0.3410

Tritanomaly

32.1427, 0.4564, 0.3178

Monochromacy



Original Color

32.2547, 0.4502, 0.3104

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.6604, 0.3588, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2547, 0.4502, 0.3104 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(243, 112, 130)` looks like.

```
.text, #text, p{  
    color:rgb(243, 112, 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(243, 112, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 112, 130) }
```

Border

The CSS property to change the border of an element to Yxy 32.2547, 0.4502, 0.3104 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(243, 112, 130) }
```

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

```
.border{ border-color:rgb(243, 112, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 112, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 112, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 112, 130);  
box-shadow:4px 4px 4px 4px rgb(243, 112,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2547, 0.4502, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 112, 130) }
```

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

```
.background{ background-color: rgb(243,  
112, 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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