

Converting Colors

$Y_{xy}(31.5499, 0.4206, 0.2940)$

Have a look what the booklet for
Yxy(31.5499, 0.4206, 0.2940)
contains.

Yxy(31.5714, 0.4206, 0.2947)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.5714, 0.4206, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	EA7291
RGB	234, 114, 145
RGB Percent	92%, 45%, 57%
CMY	0.0823, 0.5529, 0.4314
CMYK	0.00, 0.51, 0.38, 0.08
HSL	345°, 74%, 68%
HSV	345°, 51%, 92%
XYZ	45.0591, 31.5714, 30.5001
YIQ	153.4140, 61.5690, 35.0810

Conversions

Conversions Part 2

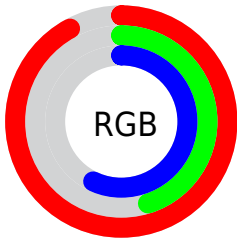
Format	Color
RYB	234, 114, 145
Decimal	15364753
CIELab	62.99, 49.41, 5.32
CIElCh	63, 49.693, 6.150
Yxy	31.5714, 0.4206, 0.2947
Android (android.graphics.Color)	4293554833 (0xFFEA7291)
YUV	153.4140, -4.1481, 70.6739
Hunter-Lab	56.1884, 44.8146, 7.1482

Details

The Yxy color **31.5714, 0.4206, 0.2947** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **66.7375, 0.2608, 0.3691**, and the grayscale version is **32.0443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7595, 0.3643, 0.2979**, and **13.1719, 0.4567, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **26.4567, 0.4553, 0.2902**, and if you desaturate by 10%, it is **38.1212, 0.3906, 0.3009**.

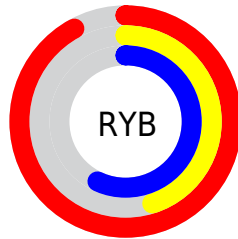
Distribution



Red (92%)

Green (45%)

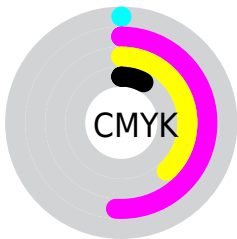
Blue (57%)



Red (92%)

Yellow (45%)

Blue (57%)

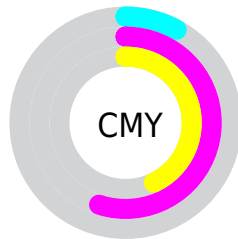


Cyan (0%)

Magenta (51%)

Yellow (38%)

Black (8%)



Cyan (8%)


Magenta (55%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5714, 0.4206, 0.2947 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 31.5714, 0.4206, 0.2947 by changing the saturation by 10% instead.


 31.5714, 0.4206,
0.2947


 31.5714, 0.4206,
0.2947


309.1622, 0.3631,
0.3137

 21.0343, 0.4361,
0.2893


 62.1386, 0.3988,
0.3021

 13.1491, 0.4566,
0.2820


 82.9375, 0.3909,
0.3047

 7.5313, 0.4851,
0.2716


 107.9258, 0.3843,
0.3069

 3.7965, 0.5268,
0.2558

137.4879, 0.3788,
0.3087

 1.5604, 0.5924,
0.2294

172.0082, 0.3740,
0.3102

 0.3307, 0.8387,
0.1613

211.8711, 0.3699,

 0.0000, 1.0000,

0.3116

0.0000

257.4609, 0.3663,
0.3127

■ 0.0000, 0.0000,
0.0000

■ 31.5714, 0.4206,
0.2947

■ 31.5714, 0.4206,
0.2947

■ 26.4567, 0.4553,
0.2902

■ 38.1212, 0.3906,
0.3009

■ 22.6633, 0.4934,
0.2883

■ 46.1988, 0.3654,
0.3078

■ 20.0684, 0.5323,
0.2903

■ 55.8946, 0.3448,
0.3149

■ 18.5230, 0.5680,
0.2966

■ 67.2906, 0.3279,
0.3217

■ 17.8232, 0.5939,
0.3046

■ 80.4634, 0.3143,
0.3282

95.4847, 0.3032,
0.3342

96.2327, 0.2999,
0.3290

Harmonies

Analogous

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



31.5714, 0.3435, 0.2482



31.5714, 0.4206, 0.2947



31.5714, 0.4652, 0.3504

Triad

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



31.5714, 0.4206, 0.2947



31.5714, 0.3442, 0.4745



31.5714, 0.1810, 0.2286

Complementary

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



31.5714, 0.4206, 0.2947



66.7375, 0.2608, 0.3691

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.



31.5714, 0.1809, 0.2773



31.5714, 0.4206, 0.2947



31.5714, 0.2697, 0.4361

Square

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



31.5714, 0.4206, 0.2947



31.5714, 0.4143, 0.4570



31.5714, 0.2109, 0.3552



31.5714, 0.2096, 0.2105

Rectangle

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



31.5714, 0.4206, 0.2947



31.5714, 0.4675, 0.3891



31.5714, 0.2109, 0.3552



31.5714, 0.1778, 0.2412

Sweetspot

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



31.5730, 0.4206, 0.2947



76.2822, 0.3339, 0.3192



30.5341, 0.2879, 0.1943



15.6984, 0.3374, 0.3177



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.



31.5730, 0.4206, 0.2947



31.6176, 0.4590, 0.2898



38.0558, 0.4421, 0.3607



15.1179, 0.3252, 0.3229



10.0329, 0.5901, 0.3024



0.8031, 0.5509, 0.2808

Inverse Universe

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



31.5730, 0.4206, 0.2947



31.6176, 0.4590, 0.2898



53.6627, 0.2392, 0.2926



15.1179, 0.3252, 0.3229



10.0329, 0.5901, 0.3024



0.8031, 0.5509, 0.2808

Previews

White Background



This preview shows how the Yxy color 31.5714, 0.4206, 0.2947 looks on a white background.

Color Contrast Check

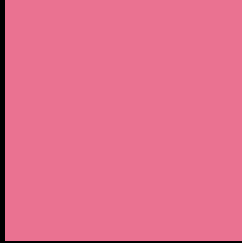
Large Text (above 18pt) WCAG AA × Fail

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 31.5714, 0.4206, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

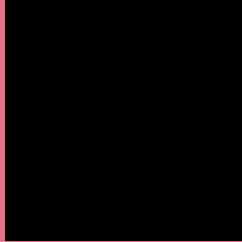
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5714, 0.4206, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 31.5714, 0.4206, 0.2947.



This preview shows how white text looks on a background with the Yxy color 31.5714, 0.4206, 0.2947.

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

31.5714, 0.4206, 0.2947

Protanopia

31.9219, 0.2991, 0.3065

Deuteranopia

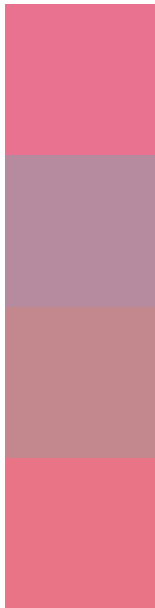
31.6451, 0.3474, 0.3393



Tritanopia

31.3847, 0.4416, 0.3193

Trichromacy



Original Color

31.5714, 0.4206, 0.2947

Protanomaly

30.6252, 0.3391, 0.2998

Deuteranomaly

30.8830, 0.3733, 0.3197

Tritanomaly

31.5079, 0.4341, 0.3103

Monochromacy



Original Color

31.5714, 0.4206, 0.2947

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.6123, 0.3486, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5714, 0.4206, 0.2947 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(234, 114, 145)` looks like.

```
.text, #text, p{  
    color:rgb(234, 114, 145)  
}
```

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(234, 114, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 114, 145) }
```

Border

The CSS property to change the border of an element to Yxy 31.5714, 0.4206, 0.2947 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(234, 114, 145) }
```

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

```
.border{ border-color:rgb(234, 114, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 114, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 114, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 114, 145);  
box-shadow:4px 4px 4px 4px rgb(234, 114,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5714, 0.4206, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 114, 145) }
```

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

```
.background{ background-color: rgb(234,  
114, 145) }
```

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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