

Converting Colors

$Y_{xy}(32.3916, 0.4082, 0.3023)$

Have a look what the booklet for
Yxy(32.3916, 0.4082, 0.3023)
contains.

Yxy(32.5721, 0.4081, 0.3025)	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(32.5721, 0.4081, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	E37B92
RGB	227, 123, 146
RGB Percent	89%, 48%, 57%
CMY	0.1099, 0.5175, 0.4275
CMYK	0.00, 0.46, 0.36, 0.11
HSL	347°, 65%, 69%
HSV	347°, 46%, 89%
XYZ	43.9427, 32.5721, 31.1615
YIQ	156.7180, 54.6010, 29.2010

Conversions

Conversions Part 2

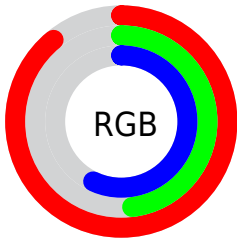
Format	Color
R _Y B	227, 123, 146
Decimal	14908306
CIE Lab	63.81, 42.60, 5.81
CIE LCh	64, 42.995, 7.764
Yxy	32.5721, 0.4081, 0.3025
Android (android.graphics.Color)	4293098386 (0xFFE37B92)
YUV	156.7180, -5.2840, 61.6373
Hunter-Lab	57.0720, 37.5606, 7.5778

Details

The Yxy color **32.5721, 0.4081, 0.3025** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.4957, 0.2630, 0.3588**, and the grayscale version is **33.5916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8744, 0.3617, 0.3052**, and **13.7860, 0.4396, 0.2924** is the 20% darker color. If you saturate the color by 10%, you get **27.0705, 0.4421, 0.2979**, and if you desaturate by 10%, it is **39.4674, 0.3793, 0.3082**.

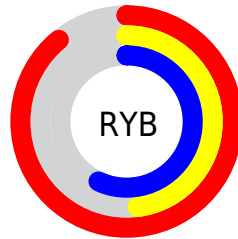
Distribution



Red (89%)

Green (48%)

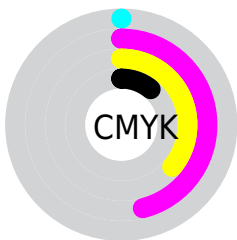
Blue (57%)



Red (89%)

Yellow (48%)

Blue (57%)

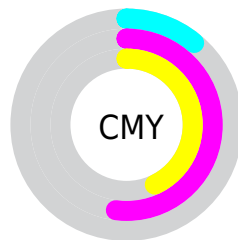


Cyan (0%)

Magenta (46%)

Yellow (36%)

Black (11%)



Cyan (11%)


Magenta (52%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5721, 0.4081, 0.3025 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 32.5721, 0.4081, 0.3025 by changing the saturation by 10% instead.


 32.5721, 0.4081,
0.3025


 32.5721, 0.4081,
0.3025


313.7172, 0.3574,
0.3173

 21.7989, 0.4217,
0.2983


 63.7069, 0.3889,
0.3083

 13.7092, 0.4399,
0.2925

 84.8372, 0.3820,
0.3103

 7.9187, 0.4650,
0.2842


 110.1887, 0.3761,
0.3120

 4.0430, 0.5018,
0.2715

140.1457, 0.3712,
0.3134

 1.6976, 0.5604,
0.2498

175.0927, 0.3670,
0.3146

 0.4221, 0.7703,
0.2039

215.4140, 0.3634,

 0.0000, 1.0000,

0.3156

0.0000

261.4940, 0.3602,
0.3165

■ 0.0000, 0.0000,
0.0000

■ 32.5721, 0.4081,
0.3025

■ 32.5721, 0.4081,
0.3025

■ 27.0705, 0.4421,
0.2979

■ 39.4674, 0.3793,
0.3082

■ 22.8624, 0.4805,
0.2951

■ 47.8379, 0.3555,
0.3142

■ 19.8418, 0.5211,
0.2954


■ 57.7645, 0.3361,
0.3202

■ 17.8838, 0.5602,
0.2993

■ 69.3210, 0.3204,
0.3259

■ 16.8347, 0.5931,
0.3070

■ 82.5762, 0.3077,
0.3312

 16.5579, 0.6046,
0.3104

 94.8801, 0.2974,
0.3319

 95.0664, 0.2958,
0.3290

Harmonies

Analogous

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



32.5721, 0.3435, 0.2602



32.5721, 0.4081, 0.3025



32.5721, 0.4445, 0.3525

Triad

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



32.5721, 0.4081, 0.3025



32.5721, 0.3382, 0.4518



32.5721, 0.1978, 0.2407

Complementary

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



32.5721, 0.4081, 0.3025



63.4957, 0.2630, 0.3588

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.



32.5721, 0.1967, 0.2827



32.5721, 0.4081, 0.3025



32.5721, 0.2734, 0.4160

Square

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



32.5721, 0.4081, 0.3025



32.5721, 0.3994, 0.4422



32.5721, 0.2226, 0.3482



32.5721, 0.2249, 0.2250

Rectangle

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



32.5721, 0.4081, 0.3025



32.5721, 0.4459, 0.3865



32.5721, 0.2226, 0.3482



32.5721, 0.1945, 0.2517

Sweetspot

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



32.5737, 0.4081, 0.3025



77.6361, 0.3332, 0.3212



32.3738, 0.2947, 0.2097



15.9618, 0.3369, 0.3199



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.



32.5737, 0.4081, 0.3025



35.5317, 0.4404, 0.2980



39.8082, 0.4204, 0.3617



14.4199, 0.3258, 0.3238



9.6736, 0.6012, 0.3085



0.7286, 0.5606, 0.2862

Inverse Universe

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



32.5737, 0.4081, 0.3025



35.5317, 0.4404, 0.2980



50.7208, 0.2451, 0.2924



14.4199, 0.3258, 0.3238



9.6736, 0.6012, 0.3085



0.7286, 0.5606, 0.2862

Previews

White Background



This preview shows how the Yxy color 32.5721, 0.4081, 0.3025 looks on a white background.

Color Contrast Check

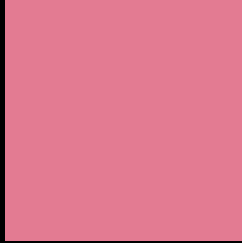
Large Text (above 18pt) WCAG AA × Fail

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 32.5721, 0.4081, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

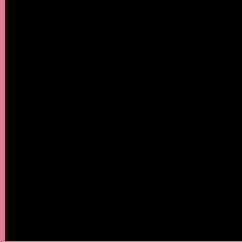
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5721, 0.4081, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 32.5721, 0.4081, 0.3025.



This preview shows how white text looks on a background with the Yxy color 32.5721, 0.4081, 0.3025.

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

32.5721, 0.4081, 0.3025

Protanopia

32.7601, 0.3046, 0.3141

Deuteranopia

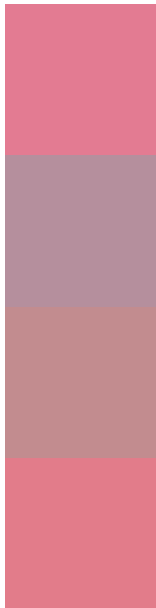
32.8497, 0.3478, 0.3421



Tritanopia

32.5572, 0.4210, 0.3188

Trichromacy



Original Color

32.5721, 0.4081, 0.3025

Protanomaly

31.9030, 0.3392, 0.3095

Deuteranomaly

32.2087, 0.3693, 0.3251

Tritanomaly

32.4190, 0.4166, 0.3129

Monochromacy



Original Color

32.5721, 0.4081, 0.3025

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.4958, 0.3440, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5721, 0.4081, 0.3025 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(227, 123, 146)` looks like.

```
.text, #text, p{  
    color:rgb(227, 123, 146)  
}
```

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(227, 123, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 123, 146) }
```

Border

The CSS property to change the border of an element to Yxy 32.5721, 0.4081, 0.3025 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(227, 123, 146) }
```

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

```
.border{ border-color:rgb(227, 123, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 123, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 123, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 123, 146);  
box-shadow:4px 4px 4px 4px rgb(227, 123,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5721, 0.4081, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 123, 146) }
```

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

```
.background{ background-color: rgb(227,  
123, 146) }
```

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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