

Converting Colors

$Yxy(36.5487, 0.3997, 0.3173)$

Have a look what the booklet for
Yxy(36.5487, 0.3997, 0.3173)
contains.

Yxy(36.6460, 0.3995, 0.3175)	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(36.6460, 0.3995, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	E38A94
RGB	227, 138, 148
RGB Percent	89%, 54%, 58%
CMY	0.1098, 0.4588, 0.4196
CMYK	0.00, 0.39, 0.35, 0.11
HSL	353°, 61%, 72%
HSV	353°, 39%, 89%
XYZ	46.1105, 36.6460, 32.6640
YIQ	165.7510, 49.8340, 21.9780

Conversions

Conversions Part 2

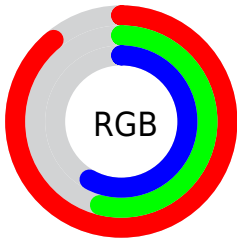
Format	Color
RYB	227, 138, 148
Decimal	14912148
CIELab	67.01, 35.07, 9.24
CIELCh	67, 36.269, 14.754
Yxy	36.6460, 0.3995, 0.3175
Android (android.graphics.Color)	4293102228 (0xFFE38A94)
YUV	165.7510, -8.7512, 53.7154
Hunter-Lab	60.5359, 30.0263, 10.3834

Details

The Yxy color **36.6460, 0.3995, 0.3175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3459, 0.2637, 0.3414**, and the grayscale version is **38.0333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6642, 0.3565, 0.3198**, and **15.9537, 0.4281, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **30.2169, 0.4349, 0.3149**, and if you desaturate by 10%, it is **44.5508, 0.3701, 0.3205**.

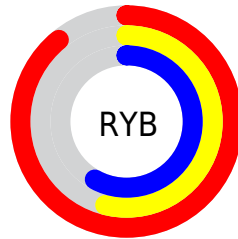
Distribution



Red (89%)

Green (54%)

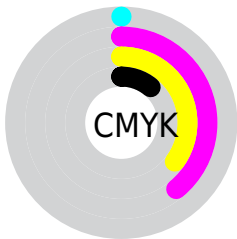
Blue (58%)



Red (89%)

Yellow (54%)

Blue (58%)

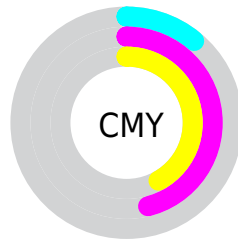


Cyan (0%)

Magenta (39%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6460, 0.3995, 0.3175 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 36.6460, 0.3995, 0.3175 by changing the saturation by 10% instead.


 36.6460, 0.3995,
0.3175


 36.6460, 0.3995,
0.3175

331.7753, 0.3540,
0.3245

 24.9335, 0.4115,
0.3153


 70.0280, 0.3825,
0.3203

 16.0275, 0.4273,
0.3123


 92.4663, 0.3762,
0.3213

 9.5436, 0.4489,
0.3077


 119.2487, 0.3710,
0.3221

 5.0974, 0.4802,
0.3004

150.7595, 0.3666,
0.3228

 2.3045, 0.5288,
0.2873

187.3832, 0.3628,
0.3233

 0.7761, 0.6536,
0.2757

229.5041, 0.3595,

 0.0000, 1.0000,

0.3238

0.0000

277.5067, 0.3566,
0.3241

0.0000, 0.0000,
0.0000

36.6460, 0.3995,
0.3175

36.6460, 0.3995,
0.3175

30.2169, 0.4349,
0.3149

44.5508, 0.3701,
0.3205

25.1668, 0.4759,
0.3132

54.0092, 0.3462,
0.3235

21.3962, 0.5206,
0.3128

65.1003, 0.3270,
0.3265

18.7898, 0.5645,
0.3145

77.8960, 0.3116,
0.3292

17.2114, 0.6017,
0.3183

92.4641, 0.2992,
0.3317

■ 16.4483, 0.6268,
0.3233

■ 95.0692, 0.2958,
0.3290

■ 16.4016, 0.6284,
0.3235

Harmonies

Analogous

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



36.6460, 0.3514, 0.2794



36.6460, 0.3995, 0.3175



36.6460, 0.4220, 0.3604

Triad

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



36.6460, 0.3995, 0.3175



36.6460, 0.3223, 0.4234



36.6460, 0.2205, 0.2516

Complementary

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



36.6460, 0.3995, 0.3175



65.3459, 0.2637, 0.3414

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.



36.6460, 0.2145, 0.2824



36.6460, 0.3995, 0.3175



36.6460, 0.2702, 0.3871

Square

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



36.6460, 0.3995, 0.3175



36.6460, 0.3744, 0.4260



36.6460, 0.2316, 0.3321



36.6460, 0.2486, 0.2423

Rectangle

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



36.6460, 0.3995, 0.3175



36.6460, 0.4186, 0.3879



36.6460, 0.2316, 0.3321



36.6460, 0.2160, 0.2594

Sweetspot

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



36.6478, 0.3995, 0.3175



80.3791, 0.3321, 0.3256



38.4175, 0.3077, 0.2297



16.7892, 0.3346, 0.3252



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.



36.6478, 0.3995, 0.3175



40.7876, 0.4277, 0.3154



47.7151, 0.3947, 0.3690



14.3942, 0.3275, 0.3264



9.5750, 0.6261, 0.3223



0.7164, 0.5963, 0.3058

Inverse Universe

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



36.6478, 0.3995, 0.3175



40.7876, 0.4277, 0.3154



49.0371, 0.2519, 0.2847



14.3942, 0.3275, 0.3264



9.5750, 0.6261, 0.3223



0.7164, 0.5963, 0.3058

Previews

White Background



This preview shows how the Yxy color 36.6460, 0.3995, 0.3175 looks on a white background.

Color Contrast Check

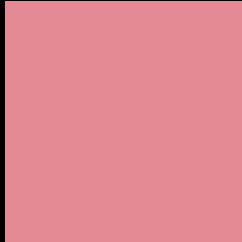
Large Text (above 18pt) WCAG AA × Fail

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 36.6460, 0.3995, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

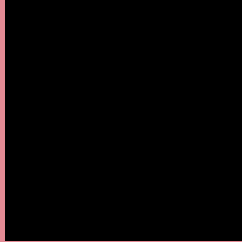
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6460, 0.3995, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 36.6460, 0.3995, 0.3175.



This preview shows how white text looks on a background with the Yxy color 36.6460, 0.3995, 0.3175.

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

36.6460, 0.3995, 0.3175

Protanopia

36.9831, 0.3183, 0.3319

Deuteranopia

36.9372, 0.3531, 0.3470



Tritanopia

36.6460, 0.3995, 0.3175

Trichromacy



Original Color

36.6460, 0.3995, 0.3175

Protanomaly

36.3303, 0.3463, 0.3264

Deuteranomaly

36.6260, 0.3698, 0.3357

Tritanomaly

36.6460, 0.3995, 0.3175

Monochromacy



Original Color

36.6460, 0.3995, 0.3175

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9715, 0.3419, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6460, 0.3995, 0.3175 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, 138, 148)` looks like.

```
.text, #text, p{  
    color:rgb(227, 138, 148)  
}
```

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, 138, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 138, 148) }
```

Border

The CSS property to change the border of an element to Yxy 36.6460, 0.3995, 0.3175 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, 138, 148) }
```

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

```
.border{ border-color:rgb(227, 138, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 138, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 138, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 138, 148); box-shadow:4px 4px 4px 4px rgb(227, 138, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6460, 0.3995, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 138, 148) }
```

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

```
.background{ background-color: rgb(227,  
138, 148) }
```

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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