

Converting Colors

Yxy(36.7462, 0.3955, 0.3196)

Have a look what the booklet for
Yxy(36.7462, 0.3955, 0.3196)
contains.

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Color

Yxy(36.7416, 0.3956, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	E08C94
RGB	224, 140, 148
RGB Percent	88%, 55%, 58%
CMY	0.1216, 0.4510, 0.4195
CMYK	0.00, 0.37, 0.34, 0.12
HSL	354°, 58%, 71%
HSV	354°, 37%, 88%
XYZ	45.4644, 36.7416, 32.7192
YIQ	166.0280, 47.4960, 20.2960

Conversions

Conversions Part 2

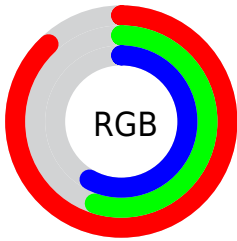
Format	Color
R _Y B	224, 140, 148
Decimal	14716052
CIE Lab	67.08, 32.92, 9.29
CIE LCh	67, 34.203, 15.752
Yxy	36.7416, 0.3956, 0.3197
Android (android.graphics.Color)	4292906132 (0xFFE08C94)
YUV	166.0280, -8.8878, 50.8414
Hunter-Lab	60.6148, 27.8087, 10.4263

Details

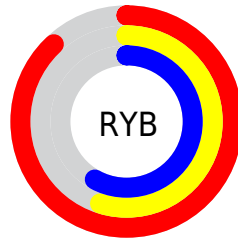
The Yxy color **36.7416, 0.3956, 0.3197** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8434, 0.2647, 0.3389**, and the grayscale version is **38.1756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1078, 0.3563, 0.3209**, and **16.0580, 0.4239, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **30.2632, 0.4306, 0.3175**, and if you desaturate by 10%, it is **44.6683, 0.3667, 0.3222**.

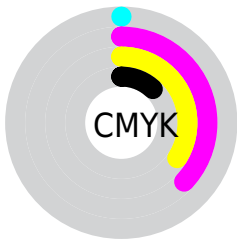
Distribution



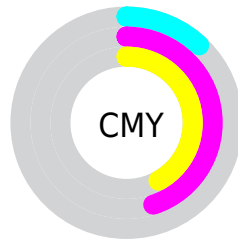
- Red (88%)
- Green (55%)
- Blue (58%)



- Red (88%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (12%)





- Cyan (12%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7416, 0.3956, 0.3197 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 36.7416, 0.3956, 0.3197 by changing the saturation by 10% instead.


 36.7416, 0.3956,
0.3197


 36.7416, 0.3956,
0.3197


332.1904, 0.3522,
0.3255

 25.0075, 0.4071,
0.3179


 70.1752, 0.3793,
0.3221

 16.0826, 0.4221,
0.3152


 92.6434, 0.3734,
0.3229

 9.5826, 0.4428,
0.3113


 119.4585, 0.3684,
0.3236

 5.1231, 0.4728,
0.3049

151.0049, 0.3642,
0.3241

 2.3197, 0.5196,
0.2931

187.6668, 0.3605,
0.3245

 0.7841, 0.6410,
0.2847

229.8288, 0.3574,

 0.0000, 1.0000,

0.3249

0.0000

277.8752, 0.3546,
0.3252

■ 0.0000, 0.0000,
0.0000

■ 36.7416, 0.3956,
0.3197

■ 36.7416, 0.3956,
0.3197

■ 30.2632, 0.4306,
0.3175

■ 44.6683, 0.3667,
0.3222

■ 25.1404, 0.4715,
0.3159

■ 54.1177, 0.3432,
0.3248

■ 21.2785, 0.5165,
0.3155

■ 65.1658, 0.3244,
0.3273

■ 18.5679, 0.5613,
0.3167

■ 77.8819, 0.3092,
0.3296

■ 16.8806, 0.5998,
0.3198

■ 92.3310, 0.2971,
0.3317

■ 16.0453, 0.6261,
0.3241

■ 94.5870, 0.2940,
0.3289

■ 15.9025, 0.6308,
0.3249

Harmonies

Analogous

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



36.7416, 0.3510, 0.2831



36.7416, 0.3956, 0.3197



36.7416, 0.4159, 0.3605

Triad

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



36.7416, 0.3956, 0.3197



36.7416, 0.3204, 0.4169



36.7416, 0.2259, 0.2552

Complementary

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



36.7416, 0.3956, 0.3197



63.8434, 0.2647, 0.3389

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.



36.7416, 0.2195, 0.2840



36.7416, 0.3956, 0.3197



36.7416, 0.2713, 0.3820

Square

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



36.7416, 0.3956, 0.3197



36.7416, 0.3697, 0.4209



36.7416, 0.2352, 0.3304



36.7416, 0.2533, 0.2468

Rectangle

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



36.7416, 0.3956, 0.3197



36.7416, 0.4122, 0.3864



36.7416, 0.2352, 0.3304



36.7416, 0.2213, 0.2625

Sweetspot

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



36.7434, 0.3956, 0.3197



81.8630, 0.3306, 0.3264



38.6774, 0.3093, 0.2344



17.0842, 0.3332, 0.3261



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.



36.7434, 0.3956, 0.3197



42.3300, 0.4225, 0.3179



47.8593, 0.3894, 0.3688



13.7217, 0.3277, 0.3268



9.2641, 0.6287, 0.3237



0.6495, 0.6008, 0.3083

Inverse Universe

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



36.7434, 0.3956, 0.3197



42.3300, 0.4225, 0.3179



47.9585, 0.2542, 0.2850



13.7217, 0.3277, 0.3268



9.2641, 0.6287, 0.3237



0.6495, 0.6008, 0.3083

Previews

White Background



This preview shows how the Yxy color 36.7416, 0.3956, 0.3197 looks on a white background.

Color Contrast Check

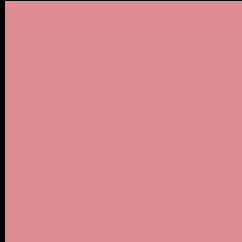
Large Text (above 18pt) WCAG AA × Fail

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 36.7416, 0.3956, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

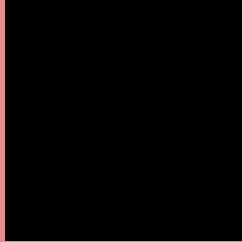
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7416, 0.3956, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 36.7416, 0.3956, 0.3197.



This preview shows how white text looks on a background with the Yxy color 36.7416, 0.3956, 0.3197.

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

36.7416, 0.3956, 0.3197

Protanopia

36.9479, 0.3192, 0.3333

Deuteranopia

36.9372, 0.3531, 0.3470



Tritanopia

36.8055, 0.3934, 0.3173

Trichromacy



Original Color

36.7416, 0.3956, 0.3197

Protanomaly

36.5344, 0.3450, 0.3277

Deuteranomaly

36.4879, 0.3687, 0.3357

Tritanomaly

36.7734, 0.3945, 0.3185

Monochromacy



Original Color

36.7416, 0.3956, 0.3197

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1819, 0.3407, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7416, 0.3956, 0.3197 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(224, 140, 148)` looks like.

```
.text, #text, p{  
    color:rgb(224, 140, 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(224, 140, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 140, 148) }
```

Border

The CSS property to change the border of an element to Yxy 36.7416, 0.3956, 0.3197 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(224, 140, 148) }
```

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

```
.border{ border-color:rgb(224, 140, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 140, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 140, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 140, 148);  
box-shadow:4px 4px 4px 4px rgb(224, 140,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7416, 0.3956, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 140, 148) }
```

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

```
.background{ background-color: rgb(224,  
140, 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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