

Converting Colors

$Yxy(36.2404, 0.4498, 0.3338)$

Have a look what the booklet for
Yxy(36.2404, 0.4498, 0.3338)
contains.

| | |
|---|----|
| Yxy(36.1267, 0.4495, 0.3337) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(36.1267, 0.4495, 0.3337)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F4807C |
| RGB | 244, 128, 124 |
| RGB Percent | 96%, 50%, 49% |
| CMY | 0.0432, 0.4980, 0.5138 |
| CMYK | 0.00, 0.48, 0.49, 0.04 |
| HSL | 2°, 85%, 72% |
| HSV | 2°, 49%, 96% |
| XYZ | 48.6633, 36.1267, 23.4710 |
| YIQ | 162.2280, 70.4200, 23.3480 |

Conversions

Conversions Part 2

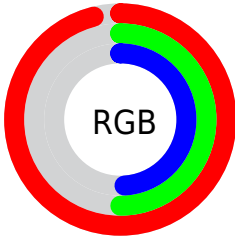
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 128, 124 |
| Decimal | 16023676 |
| CIELab | 66.62, 43.89, 22.52 |
| CIELCh | 67, 49.334, 27.165 |
| Yxy | 36.1267, 0.4495, 0.3337 |
| Android (android.graphics.Color) | 4294213756 (0xFFFF4807C) |
| YUV | 162.2280, -18.8464, 71.7140 |
| Hunter-Lab | 60.1055, 39.3347, 18.9213 |

Details

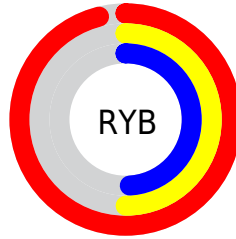
The Yxy color **36.1267, 0.4495, 0.3337** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.1147, 0.2472, 0.3240**, and the grayscale version is **36.3102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3013, 0.3804, 0.3355**, and **15.7305, 0.4934, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **30.1321, 0.4946, 0.3343**, and if you desaturate by 10%, it is **43.7069, 0.4100, 0.3328**.

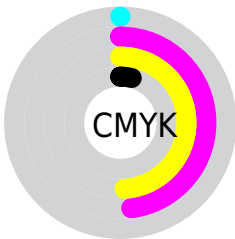
Distribution



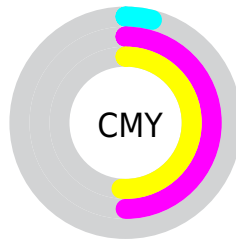
- Red (96%)
- Green (50%)
- Blue (49%)



- Red (96%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (49%)
- Black (4%)




- Cyan (4%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1267, 0.4495, 0.3337 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 36.1267, 0.4495, 0.3337 by changing the saturation by 10% instead.


 36.1267, 0.4495,
0.3337


 36.1267, 0.4495,
0.3337


329.5140, 0.3777,
0.3346


 24.5321, 0.4682,
0.3323


 69.2276, 0.4228,
0.3349

 15.7288, 0.4924,
0.3297


 91.5026, 0.4129,
0.3351

 9.3324, 0.5249,
0.3248


 118.1066, 0.4046,
0.3351

 4.9586, 0.5701,
0.3154

149.4238, 0.3976,
0.3351

 2.2230, 0.6429,
0.2994

185.8388, 0.3916,
0.3350

 0.7325, 0.7458,
0.2542

227.7359, 0.3863,

 0.0000, 1.0000,

0.3349


0.0000


275.4995, 0.3818,
0.3347

 0.0000, 0.0000,
0.0000


 36.1267, 0.4495,
0.3337


 36.1267, 0.4495,
0.3337


 30.1321, 0.4946,
0.3343


 43.7069, 0.4100,
0.3328


 25.6056, 0.5422,
0.3344

 52.9681, 0.3771,
0.3318

 22.4225, 0.5863,
0.3339


 64.0050, 0.3503,
0.3308

 20.4350, 0.6195,
0.3326

 76.9034, 0.3287,
0.3298

 19.4560, 0.6374,
0.3313

 91.7436, 0.3114,
0.3289

 19.4100, 0.6384,
0.3313

 97.9722, 0.3060,
0.3290

Harmonies

Analogous

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



36.1267, 0.3952, 0.2819



36.1267, 0.4495, 0.3337



36.1267, 0.4597, 0.3892

Triad

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



36.1267, 0.4495, 0.3337



36.1267, 0.2928, 0.4466



36.1267, 0.2030, 0.2181

Complementary

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



36.1267, 0.4495, 0.3337



73.1147, 0.2472, 0.3240

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.



36.1267, 0.1836, 0.2442



36.1267, 0.4495, 0.3337



36.1267, 0.2301, 0.3785

Square

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



36.1267, 0.4495, 0.3337



36.1267, 0.3648, 0.4669



36.1267, 0.1923, 0.3001



36.1267, 0.2495, 0.2183

Rectangle

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



36.1267, 0.4495, 0.3337



36.1267, 0.4416, 0.4242



36.1267, 0.1923, 0.3001



36.1267, 0.1935, 0.2236

Sweetspot

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



36.1286, 0.4495, 0.3337



76.4174, 0.3407, 0.3304



39.9341, 0.3219, 0.2134



15.7298, 0.3455, 0.3306



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.



36.1286, 0.4495, 0.3337



33.3368, 0.4944, 0.3343



56.6488, 0.4136, 0.3976



16.5716, 0.3293, 0.3299



10.5936, 0.6377, 0.3319



0.9619, 0.6316, 0.3367

Inverse Universe

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



73.1147, 0.2472, 0.3240



78.5350, 0.2384, 0.3229



43.4529, 0.2324, 0.2466



18.6567, 0.2981, 0.3282



36.1534, 0.2218, 0.3185



3.2069, 0.2222, 0.3198

Previews

White Background



This preview shows how the Yxy color 36.1267, 0.4495, 0.3337 looks on a white background.

Color Contrast Check

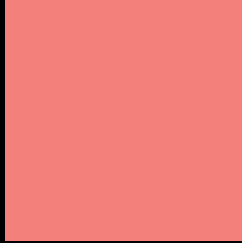
Large Text (above 18pt) WCAG AA × Fail

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 36.1267, 0.4495, 0.3337 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 36.1267, 0.4495, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 36.1267, 0.4495, 0.3337.



This preview shows how white text looks on a background with the Yxy color 36.1267, 0.4495, 0.3337.

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

36.1267, 0.4495, 0.3337

Protanopia

36.3920, 0.3415, 0.3608

Deuteranopia

36.3153, 0.3858, 0.3791



Tritanopia

36.0835, 0.4385, 0.3197

Trichromacy



Original Color

36.1267, 0.4495, 0.3337

Protanomaly

35.5397, 0.3796, 0.3504

Deuteranomaly

35.7871, 0.4091, 0.3606

Tritanomaly

36.2299, 0.4428, 0.3251

Monochromacy



Original Color

36.1267, 0.4495, 0.3337

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1573, 0.3586, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1267, 0.4495, 0.3337 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(244, 128, 124)` looks like.

```
.text, #text, p{  
    color:rgb(244, 128, 124)  
}
```

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(244, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 128, 124) }
```

Border

The CSS property to change the border of an element to Yxy 36.1267, 0.4495, 0.3337 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(244, 128, 124) }
```

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

```
.border{ border-color:rgb(244, 128, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 128, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(244, 128,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1267, 0.4495, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 128, 124) }
```

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

```
.background{ background-color: rgb(244,  
128, 124) }
```

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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