

Converting Colors

$Y_{xy}(36.7915, 0.4478, 0.3474)$

Have a look what the booklet for
Yxy(36.7915, 0.4478, 0.3474)
contains.

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Color

Yxy(36.7089, 0.4478, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	EF8676
RGB	239, 134, 118
RGB Percent	94%, 53%, 46%
CMY	0.0628, 0.4744, 0.5373
CMYK	0.00, 0.44, 0.51, 0.06
HSL	8°, 79%, 70%
HSV	8°, 51%, 94%
XYZ	47.3861, 36.7089, 21.7248
YIQ	163.5710, 67.7160, 17.2840

Conversions

Conversions Part 2

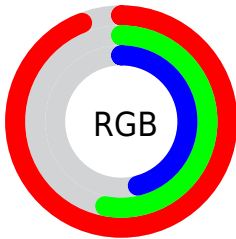
Format	Color
R_{YB}	239, 136, 118
Decimal	15697526
CIE _{Lab}	67.06, 38.46, 26.34
CIE _{LCh}	67, 46.611, 34.403
Yxy	36.7089, 0.4478, 0.3469
Android (android.graphics.Color)	4293887606 (0xFFEF8676)
YUV	163.5710, -22.4665, 66.1512
Hunter-Lab	60.5879, 33.5771, 21.1521

Details

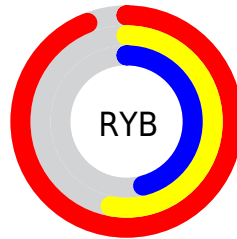
The Yxy color **36.7089, 0.4478, 0.3469** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8308, 0.2430, 0.3089**, and the grayscale version is **36.9963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5575, 0.3845, 0.3491**, and **16.0480, 0.4903, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **31.0317, 0.4900, 0.3491**, and if you desaturate by 10%, it is **43.6572, 0.4105, 0.3437**.

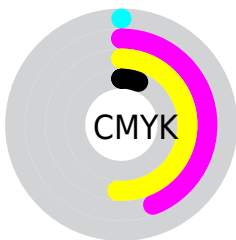
Distribution



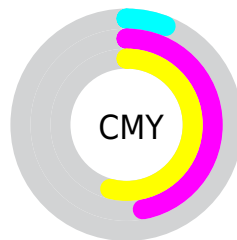
- Red (94%)
- Green (53%)
- Blue (46%)



- Red (94%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (44%)
- Yellow (51%)
- Black (6%)





- Cyan (6%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7089, 0.4478, 0.3469 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 36.7089, 0.4478, 0.3469 by changing the saturation by 10% instead.


 36.7089, 0.4478,
0.3469


 36.7089, 0.4478,
0.3469


332.0485, 0.3771,
0.3412


 24.9822, 0.4660,
0.3470


 70.1248, 0.4216,
0.3458

 16.0638, 0.4896,
0.3463


 92.5829, 0.4119,
0.3450

 9.5693, 0.5210,
0.3438


 119.3868, 0.4038,
0.3443

 5.1143, 0.5640,
0.3373

150.9210, 0.3968,
0.3436

 2.3145, 0.6404,
0.3290

187.5698, 0.3909,
0.3430

 0.7814, 0.7182,
0.2818

229.7178, 0.3857,

 0.0000, 1.0000,

0.3424

0.0000

277.7492, 0.3812,
0.3418

■ 0.0000, 0.0000,
0.0000

■ 36.7089, 0.4478,
0.3469

■ 36.7089, 0.4478,
0.3469

■ 31.0317, 0.4900,
0.3491

■ 43.6572, 0.4105,
0.3437

■ 26.5429, 0.5344,
0.3496

■ 51.9414, 0.3789,
0.3400

■ 23.1588, 0.5764,
0.3476


■ 61.6286, 0.3527,
0.3362

■ 20.7823, 0.6098,
0.3432

■ 72.7799, 0.3312,
0.3326

■ 19.3619, 0.6300,
0.3379

■ 85.4527, 0.3137,
0.3292

 97.0871, 0.3029,
0.3290

Harmonies

Analogous

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



36.7089, 0.4055, 0.2959



36.7089, 0.4478, 0.3469



36.7089, 0.4473, 0.3994

Triad

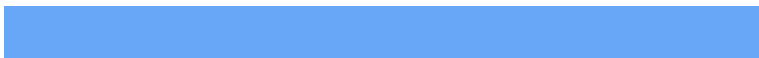
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.7089, 0.4478, 0.3469



36.7089, 0.2787, 0.4265



36.7089, 0.2172, 0.2218

Complementary

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



36.7089, 0.4478, 0.3469



62.8308, 0.2430, 0.3089

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.



36.7089, 0.1923, 0.2406



36.7089, 0.4478, 0.3469



36.7089, 0.2238, 0.3573

Square

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



36.7089, 0.4478, 0.3469



36.7089, 0.3464, 0.4583



36.7089, 0.1941, 0.2871



36.7089, 0.2674, 0.2273

Rectangle

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



36.7089, 0.4478, 0.3469



36.7089, 0.4248, 0.4304



36.7089, 0.1941, 0.2871



36.7089, 0.2059, 0.2252

Sweetspot

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



36.7108, 0.4478, 0.3469



78.4023, 0.3402, 0.3342



36.7310, 0.3318, 0.2191



16.2001, 0.3447, 0.3350



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.



36.7108, 0.4478, 0.3469



35.6162, 0.4925, 0.3492



57.6186, 0.4112, 0.4096



16.0963, 0.3290, 0.3322



10.8077, 0.6282, 0.3394



1.0050, 0.6077, 0.3557

Inverse Universe

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



62.8308, 0.2430, 0.3089



68.9677, 0.2326, 0.3040



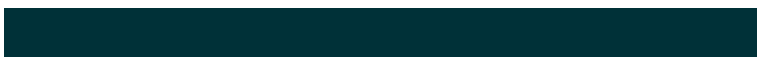
36.7655, 0.2275, 0.2298



17.5508, 0.2981, 0.3258



28.3355, 0.2129, 0.2866



2.4555, 0.2146, 0.2927

Previews

White Background



This preview shows how the Yxy color 36.7089, 0.4478, 0.3469 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 36.7089, 0.4478, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

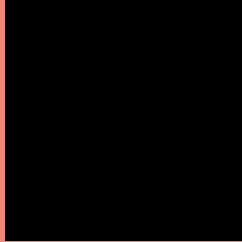
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7089, 0.4478, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 36.7089, 0.4478, 0.3469.



This preview shows how white text looks on a background with the Yxy color 36.7089, 0.4478, 0.3469.

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

36.7089, 0.4478, 0.3469

Protanopia

36.8317, 0.3527, 0.3749

Deuteranopia

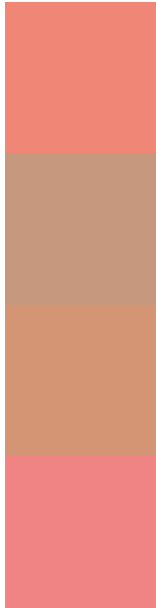
36.9309, 0.3933, 0.3863



Tritanopia

36.8268, 0.4261, 0.3194

Trichromacy



Original Color

36.7089, 0.4478, 0.3469

Protanomaly

35.9686, 0.3870, 0.3636

Deuteranomaly

36.5816, 0.4136, 0.3717

Tritanomaly

36.6937, 0.4340, 0.3294

Monochromacy



Original Color

36.7089, 0.4478, 0.3469

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.9654, 0.3577, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7089, 0.4478, 0.3469 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(239, 134, 118)` looks like.

```
.text, #text, p{  
    color:rgb(239, 134, 118)  
}
```

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(239, 134, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 134, 118) }
```

Border

The CSS property to change the border of an element to Yxy 36.7089, 0.4478, 0.3469 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(239, 134, 118) }
```

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

```
.border{ border-color:rgb(239, 134, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 134, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 134, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 134, 118);  
box-shadow:4px 4px 4px 4px rgb(239, 134,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7089, 0.4478, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 134, 118) }
```

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

```
.background{ background-color: rgb(239,  
134, 118) }
```

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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