

Converting Colors

$Y_{xy}(34.0046, 0.3994, 0.2777)$

Have a look what the booklet for
Yxy(34.0046, 0.3994, 0.2777)
contains.

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Color

Yxy(34.0242, 0.3990, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	EF76A5
RGB	239, 118, 165
RGB Percent	94%, 46%, 65%
CMY	0.0627, 0.5373, 0.3530
CMYK	0.00, 0.51, 0.31, 0.06
HSL	337°, 79%, 70%
HSV	337°, 51%, 94%
XYZ	48.8685, 34.0242, 39.5847
YIQ	159.5370, 57.0290, 40.2690

Conversions

Conversions Part 2

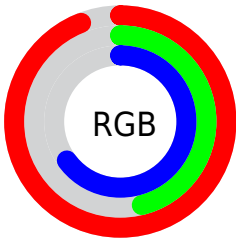
Format	Color
R_{YB}	239, 118, 165
Decimal	15693477
CIE _{Lab}	64.98, 51.50, -3.12
CIE _{LCh}	65, 51.594, 356.535
Yxy	34.0242, 0.3990, 0.2778
Android (android.graphics.Color)	4293883557 (0xFFEF76A5)
YUV	159.5370, 2.6933, 69.6891
Hunter-Lab	58.3303, 47.4674, 0.5952

Details

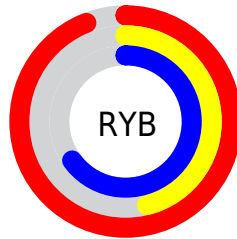
The Yxy color **34.0242, 0.3990, 0.2778** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69.3973, 0.2689, 0.3899**, and the grayscale version is **34.8982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3144, 0.3449, 0.2811**, and **14.5623, 0.4268, 0.2629** is the 20% darker color. If you saturate the color by 10%, you get **28.5897, 0.4264, 0.2700**, and if you desaturate by 10%, it is **40.9488, 0.3752, 0.2874**.

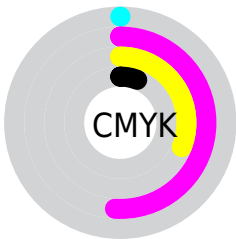
Distribution



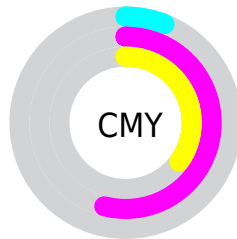
- Red (94%)
- Green (46%)
- Blue (65%)



- Red (94%)
- Yellow (46%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (31%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0242, 0.3990, 0.2778 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 34.0242, 0.3990, 0.2778 by changing the saturation by 10% instead.

 34.0242, 0.3990,
0.2778


 34.0242, 0.3990,
0.2778


320.2399, 0.3540,
0.3042

 22.9122, 0.4108,
0.2710


 65.9713, 0.3822,
0.2875

 14.5287, 0.4262,
0.2622


 87.5752, 0.3761,
0.2912

 8.4893, 0.4473,
0.2502


 113.4451, 0.3709,
0.2942

 4.4096, 0.4776,
0.2333

143.9656, 0.3665,
0.2968

 1.9052, 0.5247,
0.2075

179.5209, 0.3627,
0.2990

 0.5515, 0.6135,
0.1556

220.4954, 0.3595,

 0.0000, 1.0000,

0.3009

0.0000

267.2737, 0.3566,
0.3027

0.0000, 0.0000,
0.0000

34.0242, 0.3990,
0.2778

34.0242, 0.3990,
0.2778

28.5897, 0.4264,
0.2700

40.9488, 0.3752,
0.2874

24.5283, 0.4567,
0.2653

49.4588, 0.3551,
0.2979

21.7136, 0.4885,
0.2649

59.6474, 0.3384,
0.3085

19.9929, 0.5197,
0.2697

71.5991, 0.3246,
0.3187

19.1395, 0.5466,
0.2785

85.3927, 0.3134,
0.3284

96.9459, 0.3042,
0.3312

97.0925, 0.3029,
0.3290

Harmonies

Analogous

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



34.0242, 0.3173, 0.2355



34.0242, 0.3990, 0.2778



34.0242, 0.4578, 0.3319

Triad

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



34.0242, 0.3990, 0.2778



34.0242, 0.3686, 0.4760



34.0242, 0.1764, 0.2395

Complementary

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



34.0242, 0.3990, 0.2778



69.3973, 0.2689, 0.3899

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.



34.0242, 0.1858, 0.2991



34.0242, 0.3990, 0.2778



34.0242, 0.2924, 0.4566

Square

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



34.0242, 0.3990, 0.2778



34.0242, 0.4339, 0.4445



34.0242, 0.2259, 0.3837



34.0242, 0.1961, 0.2120

Rectangle

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



34.0242, 0.3990, 0.2778



34.0242, 0.4711, 0.3707



34.0242, 0.2259, 0.3837



34.0242, 0.1762, 0.2558

Sweetspot

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



34.0259, 0.3990, 0.2778



76.5606, 0.3304, 0.3142



30.2151, 0.2735, 0.1902



15.7649, 0.3333, 0.3121



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.



34.0259, 0.3990, 0.2778



32.8021, 0.4281, 0.2696



35.6529, 0.4503, 0.3426



15.8605, 0.3232, 0.3199



10.5998, 0.5425, 0.2762



0.9007, 0.5072, 0.2567

Inverse Universe

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



34.0259, 0.3990, 0.2778



32.8021, 0.4281, 0.2696



64.9728, 0.2439, 0.3138



15.8605, 0.3232, 0.3199



10.5998, 0.5425, 0.2762



0.9007, 0.5072, 0.2567

Previews

White Background



This preview shows how the Yxy color 34.0242, 0.3990, 0.2778 looks on a white background.

Color Contrast Check

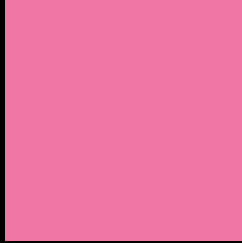
Large Text (above 18pt) WCAG AA × Fail

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 34.0242, 0.3990, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

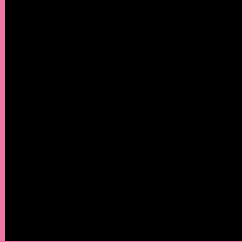
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0242, 0.3990, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 34.0242, 0.3990, 0.2778.



This preview shows how white text looks on a background with the Yxy color 34.0242, 0.3990, 0.2778.

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

34.0242, 0.3990, 0.2778

Protanopia

34.3674, 0.2802, 0.2832

Deuteranopia

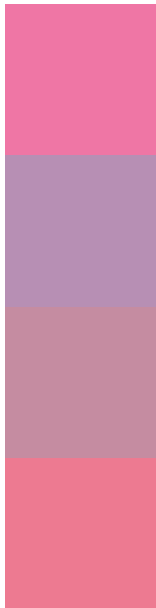
34.1699, 0.3272, 0.3205



Tritanopia

33.9416, 0.4331, 0.3193

Trichromacy



Original Color

34.0242, 0.3990, 0.2778

Protanomaly

33.0075, 0.3181, 0.2793

Deuteranomaly

33.1997, 0.3527, 0.3015

Tritanomaly

33.9679, 0.4202, 0.3037

Monochromacy



Original Color

34.0242, 0.3990, 0.2778

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.6782, 0.3421, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0242, 0.3990, 0.2778 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, 118, 165)` looks like.

```
.text, #text, p{  
    color:rgb(239, 118, 165)  
}
```

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, 118, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 118, 165) }
```

Border

The CSS property to change the border of an element to Yxy 34.0242, 0.3990, 0.2778 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, 118, 165) }
```

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

```
.border{ border-color:rgb(239, 118, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 118, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 118, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 118, 165);  
box-shadow:4px 4px 4px 4px rgb(239, 118,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0242, 0.3990, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 118, 165) }
```

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

```
.background{ background-color: rgb(239,  
118, 165) }
```

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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