

Converting Colors

$Y_{xy}(34.7619, 0.4415, 0.3524)$

Have a look what the booklet for
Yxy(34.7619, 0.4415, 0.3524)
contains.

Yxy(34.7591, 0.4415, 0.3523)	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(34.7591, 0.4415, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	E48672
RGB	228, 134, 114
RGB Percent	89%, 53%, 45%
CMY	0.1059, 0.4745, 0.5528
CMYK	0.00, 0.41, 0.50, 0.11
HSL	11°, 68%, 67%
HSV	11°, 50%, 89%
XYZ	43.5599, 34.7591, 20.3444
YIQ	159.8260, 62.4440, 13.7080

Conversions

Conversions Part 2

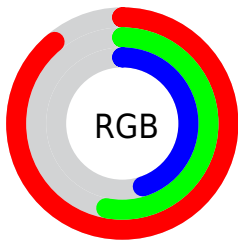
Format	Color
R _Y B	228, 138, 114
Decimal	14976626
CIE Lab	65.56, 33.94, 26.28
CIE LCh	66, 42.928, 37.754
Yxy	34.7591, 0.4415, 0.3523
Android (android.graphics.Color)	4293166706 (0xFFE48672)
YUV	159.8260, -22.5922, 59.7886
Hunter-Lab	58.9568, 28.7090, 20.8104

Details

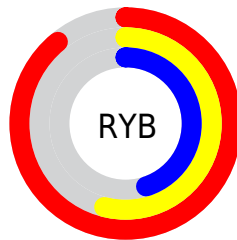
The Yxy color **34.7591, 0.4415, 0.3523** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.3137, 0.2425, 0.3027**, and the grayscale version is **35.1562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9796, 0.3883, 0.3523**, and **15.0149, 0.4817, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **29.5599, 0.4816, 0.3555**, and if you desaturate by 10%, it is **41.0157, 0.4060, 0.3480**.

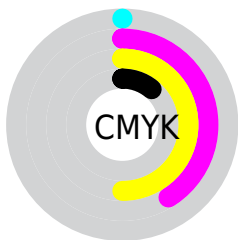
Distribution



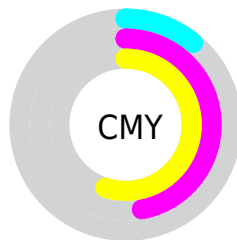
- Red (89%)
- Green (53%)
- Blue (45%)



- Red (89%)
- Yellow (54%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (11%)





- Cyan (11%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7591, 0.4415, 0.3523 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 34.7591, 0.4415, 0.3523 by changing the saturation by 10% instead.


 34.7591, 0.4415,
0.3523

 34.7591, 0.4415,
0.3523


323.5037, 0.3736,
0.3435


 23.4774, 0.4593,
0.3533


 67.1124, 0.4161,
0.3499

 14.9464, 0.4823,
0.3537


 88.9528, 0.4068,
0.3488

 8.7818, 0.5133,
0.3526


 115.0815, 0.3990,
0.3477

 4.5991, 0.5562,
0.3477

 145.8829, 0.3923,
0.3467

 2.0140, 0.6454,
0.3481

181.7414, 0.3867,
0.3458

 0.6156, 0.7161,
0.2839

223.0415, 0.3817,

 0.0000, 1.0000,

0.3450

0.0000

270.1675, 0.3774,
0.3442

■ 0.0000, 0.0000,
0.0000

■ 34.7591, 0.4415,
0.3523

■ 34.7591, 0.4415,
0.3523

■ 29.5599, 0.4816,
0.3555

■ 41.0157, 0.4060,
0.3480

■ 25.3540, 0.5243,
0.3566

■ 48.3786, 0.3758,
0.3431

■ 22.0784, 0.5654,
0.3549

■ 56.8998, 0.3506,
0.3382

■ 19.6605, 0.5999,
0.3499

■ 66.6268, 0.3298,
0.3334

■ 18.0100, 0.6237,
0.3430

■ 77.6041, 0.3127,
0.3290

 18.0078, 0.6237,
0.3429

 89.8740, 0.2986,
0.3249

 95.2345, 0.2964,
0.3290

Harmonies

Analogous

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



34.7591, 0.4059, 0.3032



34.7591, 0.4415, 0.3523



34.7591, 0.4370, 0.4015

Triad

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



34.7591, 0.4415, 0.3523



34.7591, 0.2745, 0.4138



34.7591, 0.2267, 0.2271

Complementary

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



34.7591, 0.4415, 0.3523



54.3137, 0.2425, 0.3027

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.



34.7591, 0.2001, 0.2426



34.7591, 0.4415, 0.3523



34.7591, 0.2246, 0.3479

Square

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



34.7591, 0.4415, 0.3523



34.7591, 0.3379, 0.4488



34.7591, 0.1990, 0.2840



34.7591, 0.2768, 0.2346

Rectangle

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



34.7591, 0.4415, 0.3523



34.7591, 0.4139, 0.4293



34.7591, 0.1990, 0.2840



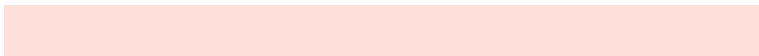
34.7591, 0.2150, 0.2295

Sweetspot

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



34.7609, 0.4415, 0.3523



79.2728, 0.3399, 0.3358



33.1420, 0.3374, 0.2258



16.4069, 0.3444, 0.3368



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.



34.7609, 0.4415, 0.3523



37.8670, 0.4832, 0.3556



54.5439, 0.4061, 0.4143



14.7740, 0.3288, 0.3332



10.5181, 0.6216, 0.3446



0.8977, 0.5953, 0.3655

Inverse Universe

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



54.3137, 0.2425, 0.3027



65.6421, 0.2317, 0.2963



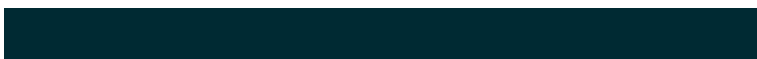
31.6471, 0.2272, 0.2234



15.8842, 0.2981, 0.3248



24.1749, 0.2090, 0.2722



1.8997, 0.2115, 0.2814

Previews

White Background



This preview shows how the Yxy color 34.7591, 0.4415, 0.3523 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 34.7591, 0.4415, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

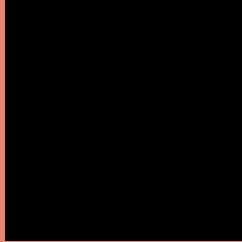
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7591, 0.4415, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 34.7591, 0.4415, 0.3523.



This preview shows how white text looks on a background with the Yxy color 34.7591, 0.4415, 0.3523.

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

34.7591, 0.4415, 0.3523

Protanopia

34.8230, 0.3556, 0.3789

Deuteranopia

34.8773, 0.3932, 0.3864



Tritanopia

34.6817, 0.4155, 0.3178

Trichromacy



Original Color

34.7591, 0.4415, 0.3523

Protanomaly

34.2695, 0.3857, 0.3688

Deuteranomaly

34.5650, 0.4112, 0.3730

Tritanomaly

34.5293, 0.4247, 0.3293

Monochromacy



Original Color

34.7591, 0.4415, 0.3523

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4307, 0.3561, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7591, 0.4415, 0.3523 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(228, 134, 114)` looks like.

```
.text, #text, p{  
    color:rgb(228, 134, 114)  
}
```

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(228, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 134, 114) }
```

Border

The CSS property to change the border of an element to Yxy 34.7591, 0.4415, 0.3523 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(228, 134, 114) }
```

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

```
.border{ border-color:rgb(228, 134, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 134, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(228, 134,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7591, 0.4415, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 134, 114) }
```

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

```
.background{ background-color: rgb(228,  
134, 114) }
```

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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