

Converting Colors

$Y_{xy}(40.6026, 0.4495, 0.3543)$

Have a look what the booklet for
Yxy(40.6026, 0.4495, 0.3543)
contains.

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Color

Yxy(40.4521, 0.4491, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	F78E77
RGB	247, 142, 119
RGB Percent	97%, 56%, 47%
CMY	0.0313, 0.4431, 0.5333
CMYK	0.00, 0.43, 0.52, 0.03
HSL	11°, 89%, 72%
HSV	11°, 52%, 97%
XYZ	51.3628, 40.4521, 22.5534
YIQ	170.7730, 69.9630, 15.1070

Conversions

Conversions Part 2

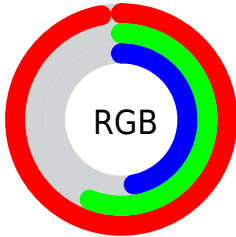
Format	Color
R _Y B	247, 147, 119
Decimal	16223863
CIE Lab	69.79, 37.48, 29.58
CIE LCh	70, 47.743, 38.284
Yxy	40.4521, 0.4491, 0.3537
Android (android.graphics.Color)	4294413943 (0xFFFF78E77)
YUV	170.7730, -25.5241, 66.8511
Hunter-Lab	63.6020, 32.8473, 23.4970

Details

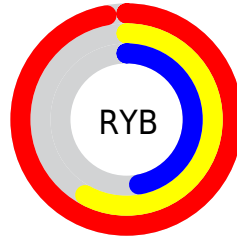
The Yxy color **40.4521, 0.4491, 0.3537** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9530, 0.2401, 0.3007**, and the grayscale version is **40.7101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1328, 0.3809, 0.3563**, and **18.3193, 0.4897, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **34.4444, 0.4900, 0.3566**, and if you desaturate by 10%, it is **47.7141, 0.4126, 0.3494**.

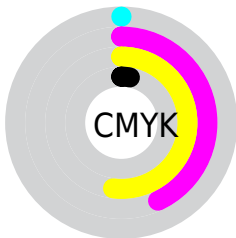
Distribution



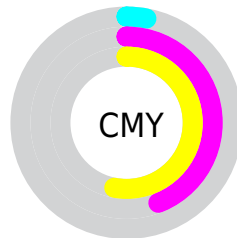
- Red (97%)
- Green (56%)
- Blue (47%)



- Red (97%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (43%)
- Yellow (52%)
- Black (3%)




- Cyan (3%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4521, 0.4491, 0.3537 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 40.4521, 0.4491, 0.3537 by changing the saturation by 10% instead.


 40.4521, 0.4491,
0.3537


 40.4521, 0.4491,
0.3537


348.0254, 0.3790,
0.3450


 27.8912, 0.4667,
0.3545


 75.8515, 0.4234,
0.3515

 18.2437, 0.4893,
0.3547


 99.4587, 0.4138,
0.3504

 11.1251, 0.5188,
0.3534


 127.5169, 0.4057,
0.3493

 6.1510, 0.5584,
0.3487

160.4104, 0.3988,
0.3483

 2.9371, 0.6222,
0.3409

198.5236, 0.3928,
0.3474

 1.0990, 0.6944,
0.3056

242.2409, 0.3876,

 0.0000, 1.0000,

0.3465

0.0000

291.9467, 0.3830,
0.3457

0.0000, 0.0000,
0.0000

40.4521, 0.4491,
0.3537

40.4521, 0.4491,
0.3537

34.4444, 0.4900,
0.3566

47.7141, 0.4126,
0.3494

29.6131, 0.5327,
0.3573

56.2899, 0.3812,
0.3445

25.8812, 0.5730,
0.3548

66.2429, 0.3551,
0.3394

23.1593, 0.6053,
0.3491

77.6303, 0.3334,
0.3344

21.6058, 0.6236,
0.3430

90.5062, 0.3156,
0.3298

98.5157, 0.3078,
0.3290

Harmonies

Analogous

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



40.4521, 0.4122, 0.3024



40.4521, 0.4491, 0.3537



40.4521, 0.4432, 0.4054

Triad

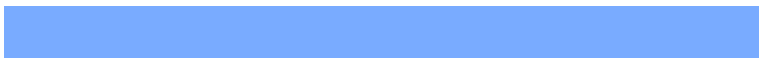
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.4521, 0.4491, 0.3537



40.4521, 0.2709, 0.4182



40.4521, 0.2230, 0.2220

Complementary

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



40.4521, 0.4491, 0.3537



63.9530, 0.2401, 0.3007

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.



40.4521, 0.1948, 0.2374



40.4521, 0.4491, 0.3537



40.4521, 0.2191, 0.3474

Square

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



40.4521, 0.4491, 0.3537



40.4521, 0.3374, 0.4559



40.4521, 0.1932, 0.2800



40.4521, 0.2758, 0.2304

Rectangle

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



40.4521, 0.4491, 0.3537



40.4521, 0.4181, 0.4348



40.4521, 0.1932, 0.2800



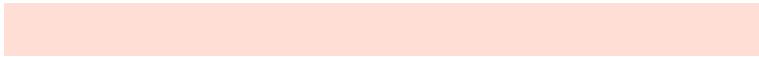
40.4521, 0.2107, 0.2243

Sweetspot

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



40.4542, 0.4491, 0.3537



78.1191, 0.3420, 0.3365



38.4426, 0.3387, 0.2220



16.1821, 0.3465, 0.3375



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.



40.4542, 0.4491, 0.3537



36.8667, 0.4912, 0.3567



64.4547, 0.4105, 0.4175



16.9639, 0.3289, 0.3333



11.5707, 0.6213, 0.3449



1.1480, 0.5991, 0.3625

Inverse Universe

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



63.9530, 0.2401, 0.3007



64.4709, 0.2296, 0.2941



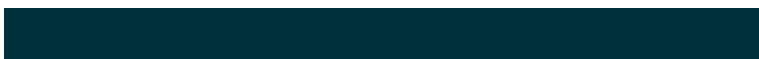
36.3624, 0.2235, 0.2182



18.2216, 0.2980, 0.3246



26.2364, 0.2085, 0.2705



2.4352, 0.2107, 0.2786

Previews

White Background



This preview shows how the Yxy color 40.4521, 0.4491, 0.3537 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 40.4521, 0.4491, 0.3537 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 40.4521, 0.4491, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 40.4521, 0.4491, 0.3537.



This preview shows how white text looks on a background with the Yxy color 40.4521, 0.4491, 0.3537.

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

40.4521, 0.4491, 0.3537

Protanopia

40.8318, 0.3590, 0.3839

Deuteranopia

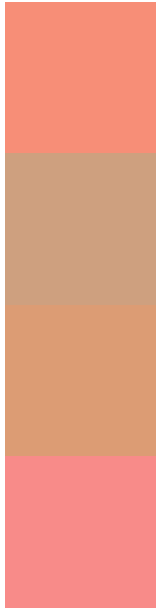
40.7679, 0.3987, 0.3912



Tritanopia

40.4548, 0.4214, 0.3186

Trichromacy



Original Color

40.4521, 0.4491, 0.3537

Protanomaly

39.7957, 0.3904, 0.3712

Deuteranomaly

40.2535, 0.4174, 0.3771

Tritanomaly

40.2278, 0.4323, 0.3315

Monochromacy



Original Color

40.4521, 0.4491, 0.3537

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5507, 0.3588, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4521, 0.4491, 0.3537 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(247, 142, 119)` looks like.

```
.text, #text, p{  
    color:rgb(247, 142, 119)  
}
```

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(247, 142, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 142, 119) }
```

Border

The CSS property to change the border of an element to Yxy 40.4521, 0.4491, 0.3537 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(247, 142, 119) }
```

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

```
.border{ border-color:rgb(247, 142, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 142, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 142, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 142, 119); box-shadow:4px 4px 4px 4px rgb(247, 142, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4521, 0.4491, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 142, 119) }
```

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

```
.background{ background-color: rgb(247,  
142, 119) }
```

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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