

Converting Colors

$Y_{xy}(40.3292, 0.4345, 0.3503)$

Have a look what the booklet for
Yxy(40.3292, 0.4345, 0.3503)
contains.

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Color

Yxy(40.4579, 0.4342, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	F1917E
RGB	241, 145, 126
RGB Percent	95%, 57%, 49%
CMY	0.0550, 0.4313, 0.5058
CMYK	0.00, 0.40, 0.48, 0.05
HSL	10°, 80%, 72%
HSV	10°, 48%, 95%
XYZ	50.1623, 40.4579, 24.9078
YIQ	171.5380, 63.3150, 14.4430

Conversions

Conversions Part 2

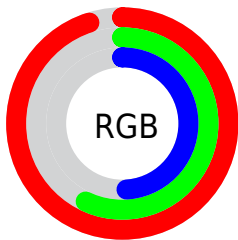
Format	Color
R_{YB}	241, 149, 126
Decimal	15831422
CIE _{Lab}	69.79, 34.26, 25.60
CIE _{LCh}	70, 42.770, 36.772
Yxy	40.4579, 0.4342, 0.3502
Android (android.graphics.Color)	4294021502 (0xFFFF1917E)
YUV	171.5380, -22.4502, 60.9182
Hunter-Lab	63.6065, 29.4597, 21.3071

Details

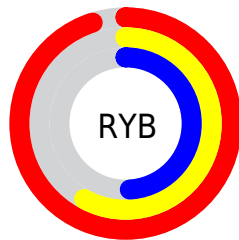
The Yxy color **40.4579, 0.4342, 0.3502** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0150, 0.2452, 0.3054**, and the grayscale version is **41.1030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8232, 0.3735, 0.3510**, and **18.3096, 0.4710, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **34.2975, 0.4739, 0.3535**, and if you desaturate by 10%, it is **47.8605, 0.3994, 0.3459**.

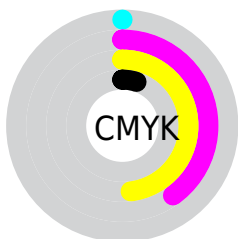
Distribution



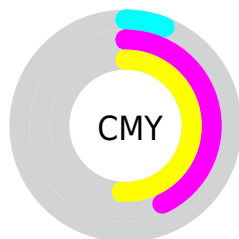
- Red (95%)
- Green (57%)
- Blue (49%)



- Red (95%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (5%)




- Cyan (6%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4579, 0.4342, 0.3502 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 40.4579, 0.4342, 0.3502 by changing the saturation by 10% instead.

 40.4579, 0.4342,
0.3502


 40.4579, 0.4342,
0.3502


348.0498, 0.3716,
0.3424

 27.8957, 0.4501,
0.3511


 75.8603, 0.4112,
0.3481

 18.2471, 0.4706,
0.3517


 99.4693, 0.4026,
0.3471

 11.1275, 0.4977,
0.3512


 127.5294, 0.3954,
0.3461

 6.1527, 0.5349,
0.3482

160.4250, 0.3892,
0.3452

 2.9381, 0.5905,
0.3404

198.5404, 0.3839,
0.3444

 1.0995, 0.6803,
0.3197

242.2601, 0.3792,

 0.0000, 1.0000,

0.3437

0.0000

291.9684, 0.3752,
0.3430

0.0000, 0.0000,
0.0000

40.4579, 0.4342,
0.3502

40.4579, 0.4342,
0.3502

34.2975, 0.4739,
0.3535

47.8605, 0.3994,
0.3459

29.3047, 0.5168,
0.3550

56.5622, 0.3701,
0.3413

25.4067, 0.5592,
0.3539

66.6238, 0.3457,
0.3366

22.5192, 0.5956,
0.3496

78.1002, 0.3257,
0.3322

20.5440, 0.6211,
0.3428

91.0436, 0.3092,
0.3281

■ 20.2036, 0.6256,
0.3414

■ 97.4371, 0.3041,
0.3290

Harmonies

Analogous

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



40.4579, 0.3993, 0.3032



40.4579, 0.4342, 0.3502



40.4579, 0.4316, 0.3972

Triad

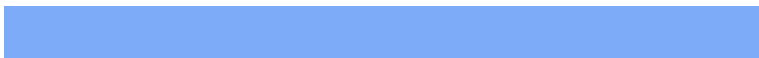
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.4579, 0.4342, 0.3502



40.4579, 0.2786, 0.4106



40.4579, 0.2296, 0.2319

Complementary

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



40.4579, 0.4342, 0.3502



63.0150, 0.2452, 0.3054

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.



40.4579, 0.2048, 0.2479



40.4579, 0.4342, 0.3502



40.4579, 0.2302, 0.3493

Square

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



40.4579, 0.4342, 0.3502



40.4579, 0.3391, 0.4424



40.4579, 0.2047, 0.2884



40.4579, 0.2769, 0.2383

Rectangle

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



40.4579, 0.4342, 0.3502



40.4579, 0.4105, 0.4235



40.4579, 0.2047, 0.2884



40.4579, 0.2187, 0.2346

Sweetspot

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



40.4599, 0.4342, 0.3502



80.3497, 0.3379, 0.3350



38.9894, 0.3342, 0.2280



16.6120, 0.3424, 0.3360



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.



40.4599, 0.4342, 0.3502



39.3394, 0.4717, 0.3533



61.8563, 0.4025, 0.4091



16.1809, 0.3289, 0.3330



11.0874, 0.6235, 0.3432



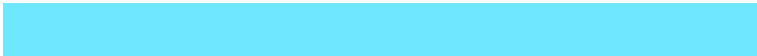
1.0450, 0.6006, 0.3613

Inverse Universe

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



63.0150, 0.2452, 0.3054



67.6489, 0.2350, 0.3000



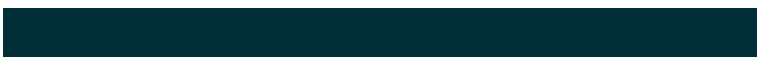
38.1499, 0.2315, 0.2314



17.4581, 0.2981, 0.3250



26.3081, 0.2099, 0.2755



2.3057, 0.2120, 0.2833

Previews

White Background



This preview shows how the Yxy color 40.4579, 0.4342, 0.3502 looks on a white background.

Color Contrast Check

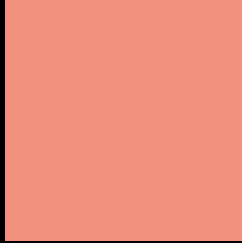
Large Text (above 18pt) WCAG AA × Fail

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 40.4579, 0.4342, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

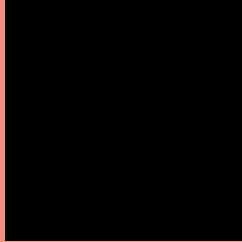
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4579, 0.4342, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 40.4579, 0.4342, 0.3502.



This preview shows how white text looks on a background with the Yxy color 40.4579, 0.4342, 0.3502.

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

40.4579, 0.4342, 0.3502

Protanopia

40.7846, 0.3509, 0.3745

Deuteranopia

40.6775, 0.3893, 0.3817



Tritanopia

40.3714, 0.4098, 0.3172

Trichromacy



Original Color

40.4579, 0.4342, 0.3502

Protanomaly

40.2584, 0.3797, 0.3652

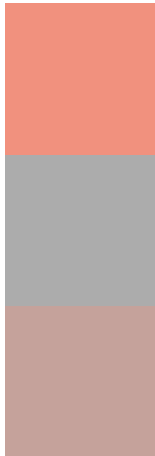
Deuteranomaly

40.3209, 0.4060, 0.3694

Tritanomaly

40.2064, 0.4184, 0.3282

Monochromacy



Original Color

40.4579, 0.4342, 0.3502

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0775, 0.3533, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4579, 0.4342, 0.3502 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(241, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(241, 145, 126)  
}
```

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(241, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 145, 126) }
```

Border

The CSS property to change the border of an element to Yxy 40.4579, 0.4342, 0.3502 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(241, 145, 126) }
```

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

```
.border{ border-color:rgb(241, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(241, 145,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4579, 0.4342, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 145, 126) }
```

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

```
.background{ background-color: rgb(241,  
145, 126) }
```

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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