

Converting Colors

$Y_{xy}(40.7921, 0.4257, 0.3401)$

Have a look what the booklet for
Yxy(40.7921, 0.4257, 0.3401)
contains.

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Color

Yxy(40.8773, 0.4256, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	F29187
RGB	242, 145, 135
RGB Percent	95%, 57%, 53%
CMY	0.0509, 0.4314, 0.4706
CMYK	0.00, 0.40, 0.44, 0.05
HSL	6°, 80%, 74%
HSV	6°, 44%, 95%
XYZ	51.1237, 40.8773, 28.1204
YIQ	172.8630, 61.0220, 17.4540

Conversions

Conversions Part 2

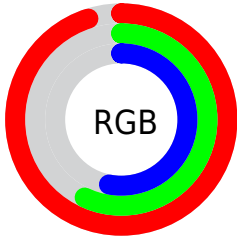
Format	Color
R_{YB}	242, 146, 135
Decimal	15896967
CIE _{Lab}	70.09, 35.55, 21.07
CIE _{LCh}	70, 41.324, 30.648
Yxy	40.8773, 0.4256, 0.3403
Android (android.graphics.Color)	4294087047 (0xFFFF29187)
YUV	172.8630, -18.6665, 60.6331
Hunter-Lab	63.9354, 30.8443, 18.6775

Details

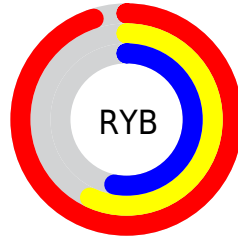
The Yxy color **40.8773, 0.4256, 0.3403** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.3025, 0.2510, 0.3169**, and the grayscale version is **41.7903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1994, 0.3662, 0.3416**, and **18.5519, 0.4603, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **34.2025, 0.4662, 0.3423**, and if you desaturate by 10%, it is **49.0064, 0.3909, 0.3378**.

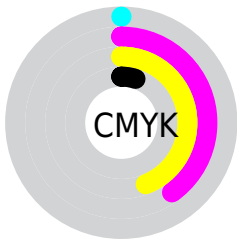
Distribution



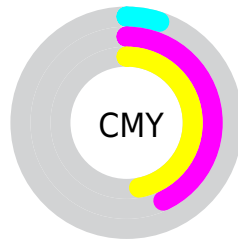
- Red (95%)
- Green (57%)
- Blue (53%)



- Red (95%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8773, 0.4256, 0.3403 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 40.8773, 0.4256, 0.3403 by changing the saturation by 10% instead.


 40.8773, 0.4256,
0.3403


 40.8773, 0.4256,
0.3403


349.8075, 0.3674,
0.3369

 28.2232, 0.4405,
0.3403


 76.4976, 0.4041,
0.3397

 18.4940, 0.4597,
0.3399


 100.2326, 0.3962,
0.3392

 11.3052, 0.4854,
0.3384


 128.4300, 0.3895,
0.3388

 6.2725, 0.5210,
0.3345

161.4743, 0.3837,
0.3384

 3.0115, 0.5727,
0.3249

199.7498, 0.3788,
0.3380

 1.1377, 0.6842,
0.3158

243.6409, 0.3745,

 0.0099, 0.9888,

0.3376

0.0112

293.5320, 0.3707,
0.3373

0.0000, 0.0000,
0.0000

40.8773, 0.4256,
0.3403

40.8773, 0.4256,
0.3403

34.2025, 0.4662,
0.3423

49.0064, 0.3909,
0.3378

28.8903, 0.5111,
0.3434

58.6622, 0.3621,
0.3351

24.8484, 0.5564,
0.3430


69.9195, 0.3386,
0.3325

21.9701, 0.5963,
0.3407

82.8466, 0.3196,
0.3300

20.1312, 0.6242,
0.3368

97.4415, 0.3048,
0.3287

 19.4778, 0.6343,
0.3346

 97.6218, 0.3048,
0.3290

Harmonies

Analogous

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



40.8773, 0.3856, 0.2956



40.8773, 0.4256, 0.3403



40.8773, 0.4308, 0.3864

Triad

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



40.8773, 0.4256, 0.3403



40.8773, 0.2914, 0.4165



40.8773, 0.2256, 0.2365

Complementary

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



40.8773, 0.4256, 0.3403



69.3025, 0.2510, 0.3169

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.



40.8773, 0.2063, 0.2569



40.8773, 0.4256, 0.3403



40.8773, 0.2411, 0.3615

Square

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



40.8773, 0.4256, 0.3403



40.8773, 0.3504, 0.4393



40.8773, 0.2114, 0.3008



40.8773, 0.2674, 0.2384

Rectangle

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



40.8773, 0.4256, 0.3403



40.8773, 0.4147, 0.4135



40.8773, 0.2114, 0.3008



40.8773, 0.2166, 0.2407

Sweetspot

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



40.8794, 0.4256, 0.3403



80.3449, 0.3362, 0.3322



42.1018, 0.3257, 0.2285



16.5520, 0.3408, 0.3327



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.



40.8794, 0.4256, 0.3403



39.2386, 0.4616, 0.3422



60.7621, 0.3984, 0.3965



15.9958, 0.3291, 0.3313



10.5458, 0.6328, 0.3358



0.9572, 0.6166, 0.3486

Inverse Universe

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



69.3025, 0.2510, 0.3169



74.9420, 0.2416, 0.3141



44.0452, 0.2393, 0.2494



17.6621, 0.2981, 0.3267



30.8898, 0.2165, 0.2995



2.6426, 0.2177, 0.3037

Previews

White Background



This preview shows how the Yxy color 40.8773, 0.4256, 0.3403 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 40.8773, 0.4256, 0.3403 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 40.8773, 0.4256, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 40.8773, 0.4256, 0.3403.



This preview shows how white text looks on a background with the Yxy color 40.8773, 0.4256, 0.3403.

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

40.8773, 0.4256, 0.3403

Protanopia

40.9672, 0.3410, 0.3607

Deuteranopia

41.1055, 0.3803, 0.3730



Tritanopia

40.7006, 0.4082, 0.3172

Trichromacy



Original Color

40.8773, 0.4256, 0.3403

Protanomaly

40.5203, 0.3709, 0.3536

Deuteranomaly

40.8714, 0.3975, 0.3610

Tritanomaly

40.7749, 0.4155, 0.3260

Monochromacy



Original Color

40.8773, 0.4256, 0.3403

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7034, 0.3502, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8773, 0.4256, 0.3403 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(242, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(242, 145, 135)  
}
```

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(242, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 145, 135) }
```

Border

The CSS property to change the border of an element to Yxy 40.8773, 0.4256, 0.3403 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(242, 145, 135) }
```

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

```
.border{ border-color:rgb(242, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(242, 145,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8773, 0.4256, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 145, 135) }
```

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

```
.background{ background-color: rgb(242,  
145, 135) }
```

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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