

Converting Colors

$Y_{xy}(35.6563, 0.4722, 0.3406)$

Have a look what the booklet for
Yxy(35.6563, 0.4722, 0.3406)
contains.

Yxy(35.6598, 0.4721, 0.3406)	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(35.6598, 0.4721, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	FA7B70
RGB	250, 123, 112
RGB Percent	98%, 48%, 44%
CMY	0.0197, 0.5176, 0.5607
CMYK	0.00, 0.51, 0.55, 0.02
HSL	5°, 93%, 71%
HSV	5°, 55%, 98%
XYZ	49.4275, 35.6598, 19.6097
YIQ	159.7190, 79.2230, 23.5030

Conversions

Conversions Part 2

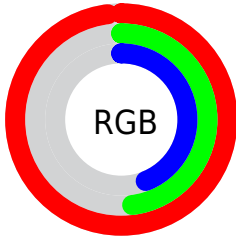
Format	Color
R _Y B	250, 124, 112
Decimal	16415600
CIE Lab	66.26, 47.52, 28.88
CIE LCh	66, 55.604, 31.292
Yxy	35.6598, 0.4721, 0.3406
Android (android.graphics.Color)	4294605680 (0xFFFA7B70)
YUV	159.7190, -23.5255, 79.1764
Hunter-Lab	59.7158, 43.2437, 22.3312

Details

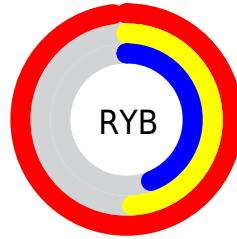
The Yxy color **35.6598, 0.4721, 0.3406** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.0619, 0.2400, 0.3156**, and the grayscale version is **35.1037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7811, 0.3938, 0.3440**, and **15.5693, 0.5210, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **30.1266, 0.5178, 0.3414**, and if you desaturate by 10%, it is **42.6921, 0.4304, 0.3389**.

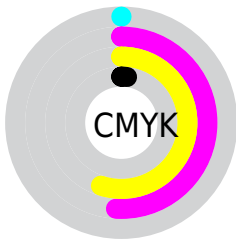
Distribution



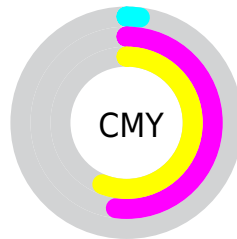
- Red (98%)
- Green (48%)
- Blue (44%)



- Red (98%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (55%)
- Black (2%)




- Cyan (2%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6598, 0.4721, 0.3406 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 35.6598, 0.4721, 0.3406 by changing the saturation by 10% instead.


 35.6598, 0.4721,
0.3406


 35.6598, 0.4721,
0.3406


327.4711, 0.3886,
0.3394


 24.1716, 0.4935,
0.3391


 68.5067, 0.4412,
0.3414


 15.4609, 0.5210,
0.3361


 90.6341, 0.4297,
0.3414

 9.1435, 0.5571,
0.3301


 117.0767, 0.4201,
0.3412

 4.8349, 0.6058,
0.3180

 148.2188, 0.4119,
0.3409

 2.1507, 0.6966,
0.3034

184.4450, 0.4049,
0.3405

 0.6929, 0.7641,
0.2359

226.1395, 0.3987,

 0.0000, 1.0000,

0.3402

0.0000

273.6867, 0.3934,
0.3398

■ 0.0000, 0.0000,
0.0000

■ 35.6598, 0.4721,
0.3406

■ 35.6598, 0.4721,
0.3406

■ 30.1266, 0.5178,
0.3414

■ 42.6921, 0.4304,
0.3389

■ 25.9783, 0.5633,
0.3408

■ 51.3154, 0.3947,
0.3368

■ 23.0936, 0.6021,
0.3386

■ 61.6211, 0.3650,
0.3345

■ 21.3275, 0.6279,
0.3350

■ 73.6920, 0.3408,
0.3322

■ 20.8191, 0.6355,
0.3336

■ 87.6053, 0.3213,
0.3301

99.0605, 0.3096,
0.3290

Harmonies

Analogous

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



35.6598, 0.4166, 0.2832



35.6598, 0.4721, 0.3406



35.6598, 0.4748, 0.4017

Triad

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



35.6598, 0.4721, 0.3406



35.6598, 0.2782, 0.4562



35.6598, 0.1962, 0.2042

Complementary

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



35.6598, 0.4721, 0.3406



72.0619, 0.2400, 0.3156

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.



35.6598, 0.1710, 0.2276



35.6598, 0.4721, 0.3406



35.6598, 0.2120, 0.3720

Square

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



35.6598, 0.4721, 0.3406



35.6598, 0.3581, 0.4862



35.6598, 0.1756, 0.2844



35.6598, 0.2508, 0.2086

Rectangle

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



35.6598, 0.4721, 0.3406



35.6598, 0.4493, 0.4405



35.6598, 0.1756, 0.2844



35.6598, 0.1845, 0.2086

Sweetspot

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



35.6617, 0.4721, 0.3406



74.6525, 0.3449, 0.3326



38.2490, 0.3274, 0.2051



15.4175, 0.3495, 0.3331



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.



35.6617, 0.4721, 0.3406



31.0828, 0.5219, 0.3414



58.4014, 0.4264, 0.4095



17.4476, 0.3292, 0.3310



11.1238, 0.6342, 0.3346



1.1045, 0.6213, 0.3449

Inverse Universe

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



72.0619, 0.2400, 0.3156



72.4796, 0.2311, 0.3126



39.7744, 0.2215, 0.2279



19.3575, 0.2980, 0.3270



33.7945, 0.2177, 0.3038



3.1981, 0.2186, 0.3070

Previews

White Background



This preview shows how the Yxy color 35.6598, 0.4721, 0.3406 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 35.6598, 0.4721, 0.3406 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 35.6598, 0.4721, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 35.6598, 0.4721, 0.3406.



This preview shows how white text looks on a background with the Yxy color 35.6598, 0.4721, 0.3406.

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

35.6598, 0.4721, 0.3406

Protanopia

35.8454, 0.3532, 0.3754

Deuteranopia

35.6211, 0.4017, 0.3931



Tritanopia

35.7690, 0.4542, 0.3212

Trichromacy



Original Color

35.6598, 0.4721, 0.3406

Protanomaly

34.5769, 0.3948, 0.3608

Deuteranomaly

35.0238, 0.4278, 0.3722

Tritanomaly

35.8584, 0.4609, 0.3284

Monochromacy



Original Color

35.6598, 0.4721, 0.3406

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1881, 0.3658, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6598, 0.4721, 0.3406 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(250, 123, 112)` looks like.

```
.text, #text, p{  
    color:rgb(250, 123, 112)  
}
```

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(250, 123, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 123, 112) }
```

Border

The CSS property to change the border of an element to Yxy 35.6598, 0.4721, 0.3406 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(250, 123, 112) }
```

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

```
.border{ border-color:rgb(250, 123, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 123, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 123, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 123, 112);  
box-shadow:4px 4px 4px 4px rgb(250, 123,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6598, 0.4721, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 123, 112) }
```

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

```
.background{ background-color: rgb(250,  
123, 112) }
```

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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