

Converting Colors

$Y_{xy}(41.8648, 0.4550, 0.3510)$

Have a look what the booklet for
Yxy(41.8648, 0.4550, 0.3510)
contains.

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Color

Yxy(41.9621, 0.4553, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E78
RGB	255, 142, 120
RGB Percent	100%, 56%, 47%
CMY	0.0000, 0.4431, 0.5294
CMYK	0.00, 0.44, 0.53, 0.00
HSL	10°, 100%, 74%
HSV	10°, 53%, 100%
XYZ	54.3074, 41.9621, 23.0088
YIQ	173.2790, 74.4100, 17.1140

Conversions

Conversions Part 2

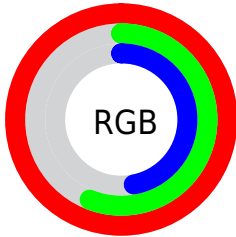
Format	Color
R_{YB}	255, 146, 120
Decimal	16748152
CIE _{Lab}	70.84, 40.57, 30.61
CIE _{LCh}	71, 50.819, 37.032
Yxy	41.9621, 0.4553, 0.3518
Android (android.graphics.Color)	4294938232 (0xFFFF8E78)
YUV	173.2790, -26.2665, 71.6693
Hunter-Lab	64.7782, 36.2854, 24.2853

Details

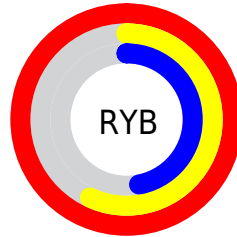
The Yxy color **41.9621, 0.4553, 0.3518** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **69.4975, 0.2393, 0.3027**, and the grayscale version is **42.0462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2096, 0.3793, 0.3542**, and **19.0690, 0.4969, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **35.6676, 0.4973, 0.3542**, and if you desaturate by 10%, it is **49.6368, 0.4175, 0.3480**.

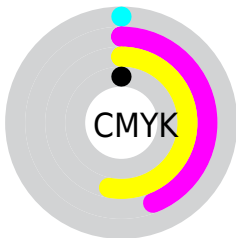
Distribution



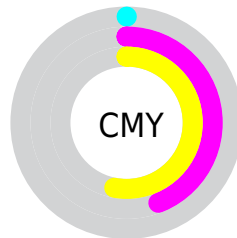
- Red (100%)
- Green (56%)
- Blue (47%)



- Red (100%)
- Yellow (57%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9621, 0.4553, 0.3518 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 41.9621, 0.4553, 0.3518 by changing the saturation by 10% instead.


 41.9621, 0.4553,
0.3518


 41.9621, 0.4553,
0.3518


354.3258, 0.3825,
0.3444


 29.0716, 0.4734,
0.3522


 78.1423, 0.4288,
0.3502

 19.1350, 0.4964,
0.3518


 102.2007, 0.4188,
0.3492

 11.7679, 0.5264,
0.3497


 130.7506, 0.4104,
0.3483

 6.5858, 0.5663,
0.3440

164.1764, 0.4032,
0.3475

 3.2045, 0.6275,
0.3337

202.8624, 0.3970,
0.3466

 1.2394, 0.7007,
0.2993

247.1930, 0.3915,

 0.0935, 0.9218,

0.3458

0.0782

297.5527, 0.3867,
0.3451

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.9621, 0.4553,
0.3518

41.9621, 0.4553,
0.3518

35.6676, 0.4973,
0.3542

49.6368, 0.4175,
0.3480

30.6715, 0.5407,
0.3543

58.7691, 0.3851,
0.3436

26.8812, 0.5807,
0.3515

69.4289, 0.3581,
0.3390

24.1919, 0.6116,
0.3457

81.6821, 0.3357,
0.3344

■ 22.8834, 0.6264,
0.3409

■ 95.5907, 0.3174,
0.3302

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



41.9621, 0.4149, 0.2987



41.9621, 0.4553, 0.3518



41.9621, 0.4504, 0.4059

Triad

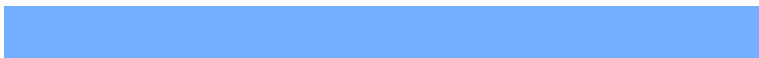
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.9621, 0.4553, 0.3518



41.9621, 0.2712, 0.4259



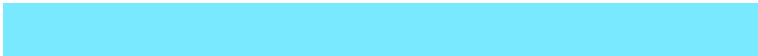
41.9621, 0.2171, 0.2174

Complementary

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



41.9621, 0.4553, 0.3518



69.4975, 0.2393, 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.



41.9621, 0.1891, 0.2342



41.9621, 0.4553, 0.3518



41.9621, 0.2163, 0.3514

Square

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



41.9621, 0.4553, 0.3518



41.9621, 0.3410, 0.4634



41.9621, 0.1884, 0.2796



41.9621, 0.2711, 0.2253

Rectangle

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



41.9621, 0.4553, 0.3518



41.9621, 0.4248, 0.4376



41.9621, 0.1884, 0.2796



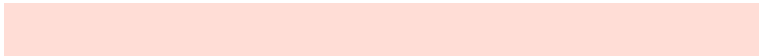
41.9621, 0.2048, 0.2201

Sweetspot

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



41.9617, 0.4553, 0.3518



77.7569, 0.3421, 0.3358



40.6788, 0.3373, 0.2181



16.0969, 0.3466, 0.3367



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.



41.9617, 0.4553, 0.3518



35.0768, 0.5019, 0.3543



67.6077, 0.4143, 0.4173



18.4649, 0.3290, 0.3329



12.0968, 0.6242, 0.3426



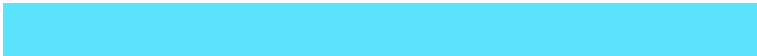
1.3071, 0.6051, 0.3577

Inverse Universe

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



69.4975, 0.2393, 0.3027



65.2007, 0.2286, 0.2963



38.9448, 0.2220, 0.2180



19.9479, 0.2980, 0.3250



28.9476, 0.2100, 0.2761



2.9470, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 41.9621, 0.4553, 0.3518 looks on a white background.

Color Contrast Check

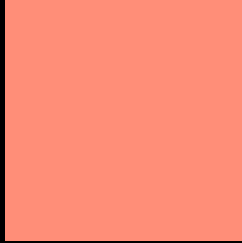
Large Text (above 18pt) WCAG AA × Fail

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 41.9621, 0.4553, 0.3518 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 41.9621, 0.4553, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 41.9621, 0.4553, 0.3518.



This preview shows how white text looks on a background with the Yxy color 41.9621, 0.4553, 0.3518.

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

41.9621, 0.4553, 0.3518

Protanopia

42.4324, 0.3583, 0.3831

Deuteranopia

41.9433, 0.3996, 0.3916



Tritanopia

41.8952, 0.4255, 0.3189

Trichromacy



Original Color

41.9621, 0.4553, 0.3518

Protanomaly

41.2745, 0.3925, 0.3703

Deuteranomaly

41.4058, 0.4207, 0.3761

Tritanomaly

41.8511, 0.4372, 0.3314

Monochromacy



Original Color

41.9621, 0.4553, 0.3518

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8703, 0.3602, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9621, 0.4553, 0.3518 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(255, 142, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 120)  
}
```

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(255, 142, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 120) }
```

Border

The CSS property to change the border of an element to Yxy 41.9621, 0.4553, 0.3518 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(255, 142, 120) }
```

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

```
.border{ border-color:rgb(255, 142, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9621, 0.4553, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 120) }
```

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

```
.background{ background-color: rgb(255,  
142, 120) }
```

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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