

Converting Colors

$Y_{xy}(59.9144, 0.4495, 0.3517)$

Have a look what the booklet for
Yxy(59.9144, 0.4495, 0.3517)
contains.

Yxy(51.6496, 0.4162, 0.3555)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.6496, 0.4162, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	FFA990
RGB	255, 169, 144
RGB Percent	100%, 66%, 56%
CMY	0.0000, 0.3373, 0.4353
CMYK	0.00, 0.34, 0.44, 0.00
HSL	14°, 100%, 78%
HSV	14°, 44%, 100%
XYZ	60.4685, 51.6496, 33.1691
YIQ	191.8640, 59.2810, 10.4570

Conversions

Conversions Part 2

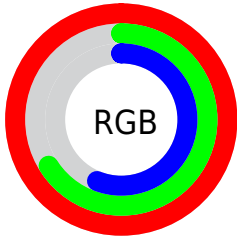
Format	Color
R _Y B	255, 176, 144
Decimal	16755088
CIE Lab	77.07, 28.86, 25.90
CIE LCh	77, 38.777, 41.896
Yxy	51.6496, 0.4162, 0.3555
Android (android.graphics.Color)	4294945168 (0xFFFFA990)
YUV	191.8640, -23.5970, 55.3703
Hunter-Lab	71.8677, 24.4192, 22.9433

Details

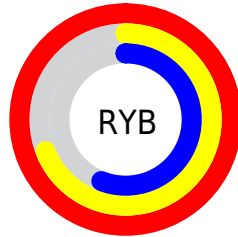
The Yxy color **51.6496, 0.4162, 0.3555** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.7486, 0.2487, 0.2998**, and the grayscale version is **52.7407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1876, 0.3528, 0.3565**, and **25.0169, 0.4455, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **44.1497, 0.4521, 0.3608**, and if you desaturate by 10%, it is **60.4328, 0.3850, 0.3494**.

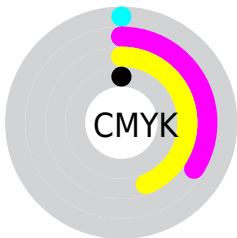
Distribution



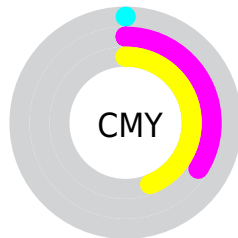
- Red (100%)
- Green (66%)
- Blue (56%)



- Red (100%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6496, 0.4162, 0.3555 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 51.6496, 0.4162, 0.3555 by changing the saturation by 10% instead.


 51.6496, 0.4162,
0.3555


 51.6496, 0.4162,
0.3555


393.0824, 0.3649,
0.3447

 36.7259, 0.4287,
0.3574


 92.6143, 0.3978,
0.3522

 24.9953, 0.4444,
0.3594


 119.4240, 0.3908,
0.3507

 16.0736, 0.4648,
0.3613


150.9645, 0.3849,
0.3495

 9.5762, 0.4921,
0.3625

187.6201, 0.3798,
0.3483

 5.1189, 0.5299,
0.3614

229.7754, 0.3753,
0.3473

 2.3172, 0.5989,
0.3624

277.8145, 0.3714,

 0.7828, 0.6723,

0.3463

0.3277

332.1221, 0.3680,
0.3455

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6496, 0.4162,
0.3555

51.6496, 0.4162,
0.3555

44.1497, 0.4521,
0.3608

60.4328, 0.3850,
0.3494

37.8770, 0.4917,
0.3643

70.5623, 0.3586,
0.3430

32.7626, 0.5326,
0.3650

82.0901, 0.3366,
0.3368

28.7328, 0.5707,
0.3619

95.0672, 0.3184,
0.3310

■ 25.7045, 0.6012,
0.3549

100.0000, 0.3127,
0.3290

■ 24.2273, 0.6158,
0.3492

Harmonies

Analogous

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



51.6496, 0.3919, 0.3144



51.6496, 0.4162, 0.3555



51.6496, 0.4095, 0.3943

Triad

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



51.6496, 0.4162, 0.3555



51.6496, 0.2766, 0.3886



51.6496, 0.2480, 0.2459

Complementary

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



51.6496, 0.4162, 0.3555



69.7486, 0.2487, 0.2998

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.



51.6496, 0.2229, 0.2569



51.6496, 0.4162, 0.3555



51.6496, 0.2379, 0.3372

Square

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



51.6496, 0.4162, 0.3555



51.6496, 0.3271, 0.4204



51.6496, 0.2192, 0.2886



51.6496, 0.2914, 0.2541

Rectangle

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



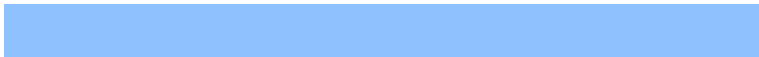
51.6496, 0.4162, 0.3555



51.6496, 0.3896, 0.4138



51.6496, 0.2192, 0.2886



51.6496, 0.2373, 0.2473

Sweetspot

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



51.6478, 0.4162, 0.3555



82.7383, 0.3356, 0.3365



46.9746, 0.3387, 0.2424



17.1349, 0.3401, 0.3379



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.



51.6478, 0.4162, 0.3555



45.2143, 0.4463, 0.3601



76.3442, 0.3905, 0.4095



18.6503, 0.3289, 0.3344



12.8409, 0.6132, 0.3513



1.4053, 0.5920, 0.3681

Inverse Universe

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



69.7486, 0.2487, 0.2998



65.3158, 0.2383, 0.2931



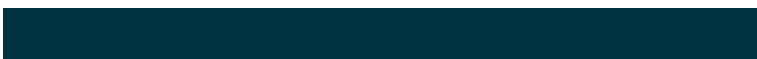
43.9863, 0.2371, 0.2319



19.7468, 0.2980, 0.3235



25.0122, 0.2040, 0.2545



2.5973, 0.2067, 0.2640

Previews

White Background



This preview shows how the Yxy color 51.6496, 0.4162, 0.3555 looks on a white background.

Color Contrast Check

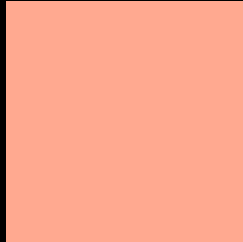
Large Text (above 18pt) WCAG AA × Fail

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 51.6496, 0.4162, 0.3555 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 51.6496, 0.4162, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 51.6496, 0.4162, 0.3555.



This preview shows how white text looks on a background with the Yxy color 51.6496, 0.4162, 0.3555.

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

51.6496, 0.4162, 0.3555

Protanopia

51.7166, 0.3514, 0.3739

Deuteranopia

51.7976, 0.3853, 0.3781



Tritanopia

51.7068, 0.3859, 0.3176

Trichromacy



Original Color

51.6496, 0.4162, 0.3555



Protanomaly

51.0301, 0.3744, 0.3670



Deuteranomaly

51.6267, 0.3966, 0.3697



Tritanomaly

51.6140, 0.3971, 0.3314

Monochromacy



Original Color

51.6496, 0.4162, 0.3555



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.8232, 0.3469, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6496, 0.4162, 0.3555 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, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 144)  
}
```

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, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 144) }
```

Border

The CSS property to change the border of an element to Yxy 51.6496, 0.4162, 0.3555 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, 169, 144) }
```

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

```
.border{ border-color:rgb(255, 169, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 169, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6496, 0.4162, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 144) }
```

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

```
.background{ background-color: rgb(255,  
169, 144) }
```

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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