

Converting Colors

$Y_{xy}(55.5082, 0.4261, 0.3367)$

Have a look what the booklet for
Yxy(55.5082, 0.4261, 0.3367)
contains.

Yxy(50.6046, 0.4056, 0.3377)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.6046, 0.4056, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FFA59D
RGB	255, 165, 157
RGB Percent	100%, 65%, 62%
CMY	0.0000, 0.3529, 0.3843
CMYK	0.00, 0.35, 0.38, 0.00
HSL	5°, 100%, 81%
HSV	5°, 38%, 100%
XYZ	60.7795, 50.6046, 38.4667
YIQ	190.9980, 56.2080, 16.5920

Conversions

Conversions Part 2

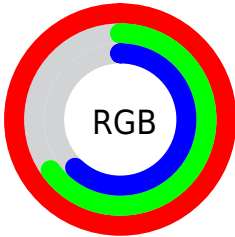
Format	Color
R _Y B	255, 166, 157
Decimal	16754077
CIE Lab	76.44, 32.32, 17.99
CIE LCh	76, 36.994, 29.101
Yxy	50.6046, 0.4056, 0.3377
Android (android.graphics.Color)	4294944157 (0xFFFFA59D)
YUV	190.9980, -16.7610, 56.1298
Hunter-Lab	71.1369, 28.0210, 17.7353

Details

The Yxy color **50.6046, 0.4056, 0.3377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.9058, 0.2579, 0.3199**, and the grayscale version is **52.1757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7264, 0.3436, 0.3382**, and **24.3647, 0.4315, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **42.1361, 0.4434, 0.3398**, and if you desaturate by 10%, it is **60.8064, 0.3740, 0.3354**.

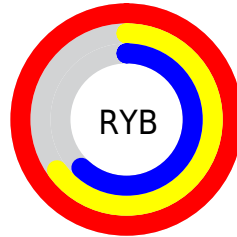
Distribution



Red (100%)

Green (65%)

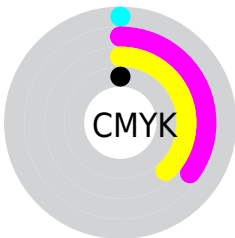
Blue (62%)



Red (100%)

Yellow (65%)

Blue (62%)

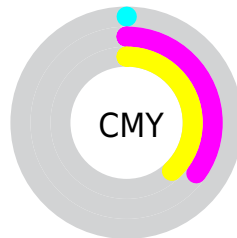


Cyan (0%)

Magenta (35%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6046, 0.4056, 0.3377 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 50.6046, 0.4056, 0.3377 by changing the saturation by 10% instead.


 50.6046, 0.4056,
0.3377

 50.6046, 0.4056,
0.3377


389.0256, 0.3593,
0.3350

 35.8940, 0.4170,
0.3379


 91.0700, 0.3889,
0.3371

 24.3524, 0.4315,
0.3378


 117.5937, 0.3826,
0.3368

 15.5952, 0.4505,
0.3373


148.8238, 0.3772,
0.3364

 9.2382, 0.4765,
0.3357

185.1449, 0.3726,
0.3361

 4.8969, 0.5135,
0.3316

226.9411, 0.3686,
0.3358

 2.1869, 0.5713,
0.3221

274.5971, 0.3651,

 0.7128, 0.6963,

0.3355

0.3037

328.4971, 0.3621,
0.3353

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6046, 0.4056,
0.3377

50.6046, 0.4056,
0.3377

42.1361, 0.4434,
0.3398

60.8064, 0.3740,
0.3354

35.2975, 0.4867,
0.3413

72.8225, 0.3481,
0.3330

29.9862, 0.5329,
0.3416

86.7377, 0.3272,
0.3308

26.0844, 0.5770,
0.3405

99.9985, 0.3127,
0.3290

■ 23.4574, 0.6121,
0.3377

■ 21.9416, 0.6332,
0.3340

■ 21.7882, 0.6355,
0.3336

Harmonies

Analogous

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



50.6046, 0.3713, 0.2993



50.6046, 0.4056, 0.3377



50.6046, 0.4121, 0.3770

Triad

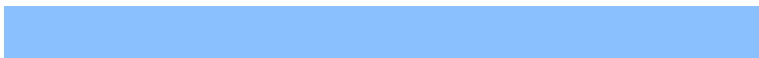
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.6046, 0.4056, 0.3377



50.6046, 0.2982, 0.4024



50.6046, 0.2376, 0.2511

Complementary

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



50.6046, 0.4056, 0.3377



80.9058, 0.2579, 0.3199

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.



50.6046, 0.2220, 0.2704



50.6046, 0.4056, 0.3377



50.6046, 0.2546, 0.3589

Square

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



50.6046, 0.4056, 0.3377



50.6046, 0.3478, 0.4203



50.6046, 0.2277, 0.3088



50.6046, 0.2727, 0.2513

Rectangle

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



50.6046, 0.4056, 0.3377



50.6046, 0.4002, 0.3996



50.6046, 0.2277, 0.3088



50.6046, 0.2301, 0.2553

Sweetspot

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



50.6071, 0.4056, 0.3377



81.5461, 0.3342, 0.3316



52.1820, 0.3225, 0.2393



17.0610, 0.3369, 0.3318



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.



50.6071, 0.4056, 0.3377



44.0399, 0.4337, 0.3393



71.0474, 0.3860, 0.3863



18.2252, 0.3292, 0.3310



11.4681, 0.6341, 0.3347



1.1946, 0.6216, 0.3446

Inverse Universe

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



80.9058, 0.2579, 0.3199



78.1590, 0.2491, 0.3179



55.4518, 0.2494, 0.2635



20.2127, 0.2980, 0.3270



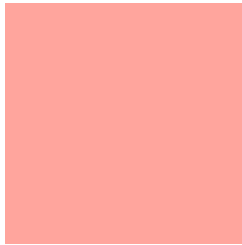
34.6807, 0.2176, 0.3032



3.4487, 0.2184, 0.3064

Previews

White Background



This preview shows how the Yxy color 50.6046, 0.4056, 0.3377 looks on a white background.

Color Contrast Check

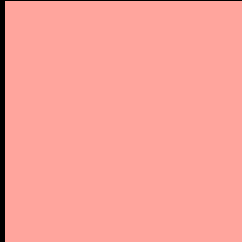
Large Text (above 18pt) WCAG AA × Fail

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 50.6046, 0.4056, 0.3377 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 50.6046, 0.4056, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 50.6046, 0.4056, 0.3377.



This preview shows how white text looks on a background with the Yxy color 50.6046, 0.4056, 0.3377.

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

50.6046, 0.4056, 0.3377

Protanopia

50.7013, 0.3353, 0.3529

Deuteranopia

50.8491, 0.3691, 0.3625



Tritanopia

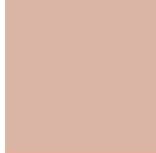
50.5495, 0.3888, 0.3166

Trichromacy



Original Color

50.6046, 0.4056, 0.3377



Protanomaly

50.2646, 0.3592, 0.3470



Deuteranomaly

50.5730, 0.3822, 0.3532



Tritanomaly

50.6381, 0.3953, 0.3250

Monochromacy



Original Color

50.6046, 0.4056, 0.3377



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

51.0067, 0.3430, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6046, 0.4056, 0.3377 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, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 157)  
}
```

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, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 157) }
```

Border

The CSS property to change the border of an element to Yxy 50.6046, 0.4056, 0.3377 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, 165, 157) }
```

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

```
.border{ border-color:rgb(255, 165, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6046, 0.4056, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 157) }
```

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

```
.background{ background-color: rgb(255,  
165, 157) }
```

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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