

Converting Colors

$Y_{xy}(58.7595, 0.4259, 0.3367)$

Have a look what the booklet for
Yxy(58.7595, 0.4259, 0.3367)
contains.

Yxy(52.2446, 0.3992, 0.3366)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2446, 0.3992, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9A2
RGB	255, 169, 162
RGB Percent	100%, 66%, 64%
CMY	0.0000, 0.3373, 0.3646
CMYK	0.00, 0.34, 0.36, 0.00
HSL	4°, 100%, 82%
HSV	4°, 36%, 100%
XYZ	61.9609, 52.2446, 41.0072
YIQ	193.9160, 53.5030, 16.0550

Conversions

Conversions Part 2

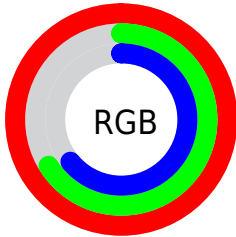
Format	Color
R _Y B	255, 170, 162
Decimal	16755106
CIE Lab	77.43, 30.84, 16.65
CIE LCh	77, 35.046, 28.363
Yxy	52.2446, 0.3992, 0.3366
Android (android.graphics.Color)	4294945186 (0xFFFFA9A2)
YUV	193.9160, -15.7346, 53.5707
Hunter-Lab	72.2804, 26.5247, 16.9590

Details

The Yxy color **52.2446, 0.3992, 0.3366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.0553, 0.2604, 0.3211**, and the grayscale version is **53.9625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1202, 0.3395, 0.3371**, and **25.3523, 0.4235, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **43.4249, 0.4359, 0.3386**, and if you desaturate by 10%, it is **62.8219, 0.3686, 0.3344**.

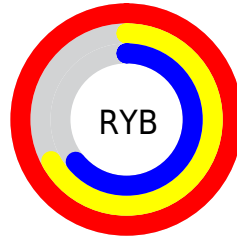
Distribution



Red (100%)

Green (66%)

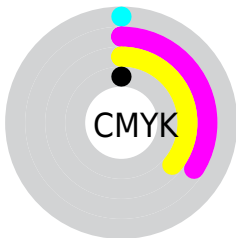
Blue (64%)



Red (100%)

Yellow (67%)

Blue (64%)

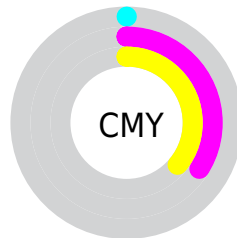


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2446, 0.3992, 0.3366 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 52.2446, 0.3992, 0.3366 by changing the saturation by 10% instead.


 52.2446, 0.3992,
0.3366

 52.2446, 0.3992,
0.3366

395.3802, 0.3563,
0.3342

 37.2001, 0.4097,
0.3368


 93.4919, 0.3838,
0.3361

 25.3624, 0.4230,
0.3368


 120.4634, 0.3779,
0.3358

 16.3473, 0.4405,
0.3363


152.1794, 0.3730,
0.3355

 9.7702, 0.4643,
0.3351

189.0243, 0.3687,
0.3352

 5.2469, 0.4983,
0.3318

231.3824, 0.3650,
0.3349

 2.3928, 0.5500,
0.3234

279.6381, 0.3617,

 0.8222, 0.6793,

0.3347

0.3207

334.1759, 0.3589,
0.3345

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2446, 0.3992,
0.3366

52.2446, 0.3992,
0.3366

43.4249, 0.4359,
0.3386

62.8219, 0.3686,
0.3344

36.2804, 0.4785,
0.3401

75.2599, 0.3437,
0.3323

30.7010, 0.5247,
0.3406

89.6368, 0.3236,
0.3302

26.5690, 0.5699,
0.3399

100.0000, 0.3127,
0.3290

■ 23.7501, 0.6072,
0.3376

■ 22.0847, 0.6307,
0.3341

■ 21.7298, 0.6360,
0.3332

Harmonies

Analogous

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



52.2446, 0.3666, 0.3003



52.2446, 0.3992, 0.3366



52.2446, 0.4061, 0.3737

Triad

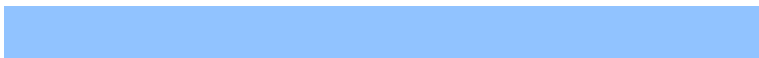
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.2446, 0.3992, 0.3366



52.2446, 0.3004, 0.3982



52.2446, 0.2414, 0.2559

Complementary

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



52.2446, 0.3992, 0.3366



82.0553, 0.2604, 0.3211

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.



52.2446, 0.2270, 0.2748



52.2446, 0.3992, 0.3366



52.2446, 0.2591, 0.3582

Square

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



52.2446, 0.3992, 0.3366



52.2446, 0.3470, 0.4144



52.2446, 0.2331, 0.3114



52.2446, 0.2742, 0.2554

Rectangle

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



52.2446, 0.3992, 0.3366



52.2446, 0.3955, 0.3950



52.2446, 0.2331, 0.3114



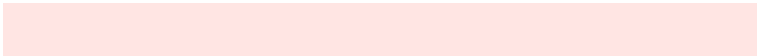
52.2446, 0.2344, 0.2601

Sweetspot

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



52.2399, 0.3992, 0.3366



82.8712, 0.3322, 0.3311



53.9330, 0.3219, 0.2437



17.3219, 0.3349, 0.3314



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.



52.2399, 0.3992, 0.3366



45.4386, 0.4263, 0.3381



72.3206, 0.3816, 0.3833



18.2057, 0.3293, 0.3308



11.4321, 0.6347, 0.3342



1.1854, 0.6230, 0.3435

Inverse Universe

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



82.0553, 0.2604, 0.3211



79.3117, 0.2515, 0.3193



57.2888, 0.2527, 0.2674



20.2345, 0.2980, 0.3272



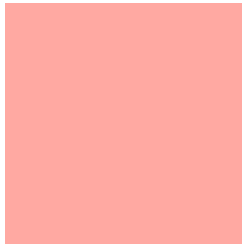
35.1819, 0.2182, 0.3053



3.4922, 0.2190, 0.3082

Previews

White Background



This preview shows how the Yxy color 52.2446, 0.3992, 0.3366 looks on a white background.

Color Contrast Check

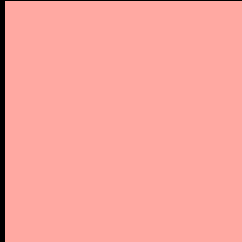
Large Text (above 18pt) WCAG AA × Fail

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 52.2446, 0.3992, 0.3366 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 52.2446, 0.3992, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 52.2446, 0.3992, 0.3366.



This preview shows how white text looks on a background with the Yxy color 52.2446, 0.3992, 0.3366.

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

52.2446, 0.3992, 0.3366

Protanopia

52.4208, 0.3333, 0.3514

Deuteranopia

52.3138, 0.3668, 0.3585



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.2446, 0.3992, 0.3366



Protanomaly

51.7916, 0.3558, 0.3457



Deuteranomaly

52.2707, 0.3784, 0.3507



Tritanomaly

52.2824, 0.3890, 0.3240

Monochromacy



Original Color

52.2446, 0.3992, 0.3366



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.6743, 0.3417, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2446, 0.3992, 0.3366 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 162) }
```

Border

The CSS property to change the border of an element to Yxy 52.2446, 0.3992, 0.3366 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, 162) }
```

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

```
.border{ border-color:rgb(255, 169, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2446, 0.3992, 0.3366 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
169, 162) }
```

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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