

Converting Colors

$Y_{xy}(76.2578, 0.4839, 0.3425)$

Have a look what the booklet for
Yxy(76.2578, 0.4839, 0.3425)
contains.

Yxy(52.2764, 0.4082, 0.3482)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2764, 0.4082, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	FFAA98
RGB	255, 170, 152
RGB Percent	100%, 67%, 60%
CMY	0.0000, 0.3333, 0.4039
CMYK	0.00, 0.33, 0.40, 0.00
HSL	10°, 100%, 80%
HSV	10°, 40%, 100%
XYZ	61.2844, 52.2764, 36.5725
YIQ	193.3630, 56.4380, 12.4220

Conversions

Conversions Part 2

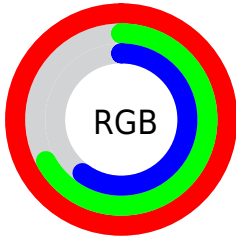
Format	Color
R _Y B	255, 174, 152
Decimal	16755352
CIE Lab	77.45, 29.17, 22.09
CIE LCh	77, 36.592, 37.130
Yxy	52.2764, 0.4082, 0.3482
Android (android.graphics.Color)	4294945432 (0xFFFFAA98)
YUV	193.3630, -20.3920, 54.0556
Hunter-Lab	72.3024, 24.7695, 20.6213

Details

The Yxy color **52.2764, 0.4082, 0.3482** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.4730, 0.2538, 0.3084**, and the grayscale version is **53.6519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1089, 0.3470, 0.3493**, and **25.3979, 0.4346, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **44.2609, 0.4443, 0.3525**, and if you desaturate by 10%, it is **61.7381, 0.3774, 0.3433**.

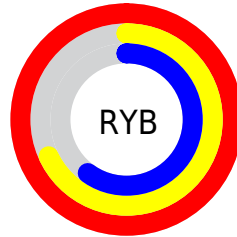
Distribution



Red (100%)

Green (67%)

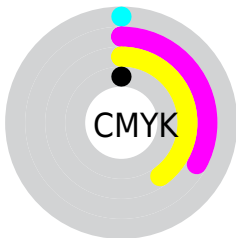
Blue (60%)



Red (100%)

Yellow (68%)

Blue (60%)

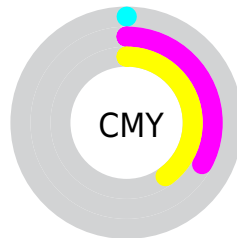


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2764, 0.4082, 0.3482 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 52.2764, 0.4082, 0.3482 by changing the saturation by 10% instead.


 52.2764, 0.4082,
0.3482


 52.2764, 0.4082,
0.3482


395.5027, 0.3609,
0.3406

 37.2254, 0.4197,
0.3495


 93.5387, 0.3912,
0.3459

 25.3821, 0.4343,
0.3508


 120.5189, 0.3848,
0.3449

 16.3620, 0.4533,
0.3519


152.2443, 0.3793,
0.3440

 9.7806, 0.4790,
0.3524

189.0992, 0.3746,
0.3432

 5.2538, 0.5150,
0.3510

231.4681, 0.3705,
0.3425

 2.3969, 0.5726,
0.3466

279.7354, 0.3669,

 0.8243, 0.6708,

0.3418

0.3292

334.2855, 0.3637,
0.3412

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2764, 0.4082,
0.3482

52.2764, 0.4082,
0.3482

44.2609, 0.4443,
0.3525

61.7381, 0.3774,
0.3433

37.6149, 0.4849,
0.3556

72.7073, 0.3518,
0.3384

32.2622, 0.5279,
0.3565

85.2483, 0.3307,
0.3336

28.1170, 0.5690,
0.3545

99.4198, 0.3133,
0.3292

■ 25.0826, 0.6027,
0.3492

100.0000, 0.3127,
0.3290

■ 23.1017, 0.6246,
0.3422

Harmonies

Analogous

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



52.2764, 0.3811, 0.3095



52.2764, 0.4082, 0.3482



52.2764, 0.4068, 0.3856

Triad

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



52.2764, 0.4082, 0.3482



52.2764, 0.2860, 0.3912



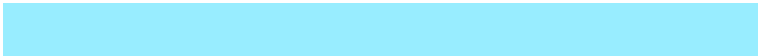
52.2764, 0.2466, 0.2509

Complementary

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



52.2764, 0.4082, 0.3482



74.4730, 0.2538, 0.3084

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.



52.2764, 0.2258, 0.2646



52.2764, 0.4082, 0.3482



52.2764, 0.2469, 0.3449

Square

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



52.2764, 0.4082, 0.3482



52.2764, 0.3343, 0.4166



52.2764, 0.2258, 0.2977



52.2764, 0.2854, 0.2558

Rectangle

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



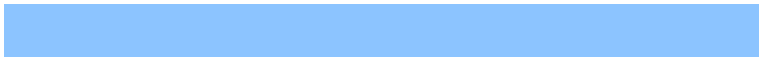
52.2764, 0.4082, 0.3482



52.2764, 0.3906, 0.4054



52.2764, 0.2258, 0.2977



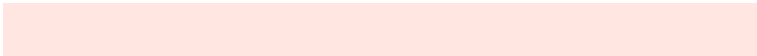
52.2764, 0.2375, 0.2533

Sweetspot

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



52.2781, 0.4082, 0.3482



83.1151, 0.3338, 0.3344



49.8852, 0.3318, 0.2438



17.4272, 0.3364, 0.3350



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.



52.2781, 0.4082, 0.3482



46.0464, 0.4352, 0.3516



75.0674, 0.3863, 0.3990



18.4998, 0.3290, 0.3332



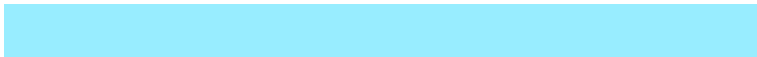
12.2190, 0.6224, 0.3440



1.3241, 0.6028, 0.3596

Inverse Universe

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



74.4730, 0.2538, 0.3084



70.8047, 0.2445, 0.3038



49.1600, 0.2440, 0.2466



19.9098, 0.2980, 0.3247



28.1741, 0.2089, 0.2721



2.8786, 0.2109, 0.2793

Previews

White Background



This preview shows how the Yxy color 52.2764, 0.4082, 0.3482 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 52.2764, 0.4082, 0.3482 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 52.2764, 0.4082, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 52.2764, 0.4082, 0.3482.



This preview shows how white text looks on a background with the Yxy color 52.2764, 0.4082, 0.3482.

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

52.2764, 0.4082, 0.3482

Protanopia

52.4268, 0.3447, 0.3650

Deuteranopia

52.2982, 0.3772, 0.3701



Tritanopia

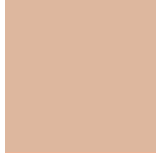
52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.2764, 0.4082, 0.3482



Protanomaly

51.7077, 0.3671, 0.3587



Deuteranomaly

52.1044, 0.3882, 0.3619



Tritanomaly

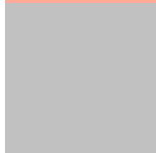
52.1298, 0.3929, 0.3282

Monochromacy



Original Color

52.2764, 0.4082, 0.3482



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.5112, 0.3451, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2764, 0.4082, 0.3482 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, 170, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 152)  
}
```

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, 170, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 152) }
```

Border

The CSS property to change the border of an element to Yxy 52.2764, 0.4082, 0.3482 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, 170, 152) }
```

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

```
.border{ border-color:rgb(255, 170, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2764, 0.4082, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 152) }
```

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

```
.background{ background-color: rgb(255,  
170, 152) }
```

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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