

Converting Colors

$Yxy(87.7961, 0.5136, 0.3478)$

Have a look what the booklet for
Yxy(87.7961, 0.5136, 0.3478)
contains.

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Color

Yxy(52.2793, 0.4189, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB8C
RGB	255, 171, 140
RGB Percent	100%, 67%, 55%
CMY	0.0000, 0.3295, 0.4510
CMYK	0.00, 0.33, 0.45, 0.00
HSL	16°, 100%, 77%
HSV	16°, 45%, 100%
XYZ	60.5469, 52.2793, 31.7116
YIQ	192.5820, 60.0150, 8.1670

Conversions

Conversions Part 2

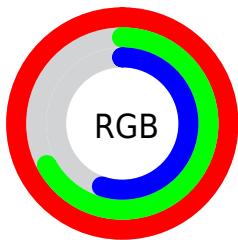
Format	Color
R _Y B	255, 182, 140
Decimal	16755596
CIE Lab	77.45, 27.43, 28.55
CIE LCh	77, 39.586, 46.146
Yxy	52.2793, 0.4189, 0.3617
Android (android.graphics.Color)	4294945676 (0xFFFFAB8C)
YUV	192.5820, -25.9229, 54.7406
Hunter-Lab	72.3044, 22.9410, 24.6094

Details

The Yxy color **52.2793, 0.4189, 0.3617** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66.1156, 0.2456, 0.2924**, and the grayscale version is **53.1938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0932, 0.3551, 0.3626**, and **25.2972, 0.4464, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **45.0595, 0.4539, 0.3679**, and if you desaturate by 10%, it is **60.6564, 0.3881, 0.3545**.

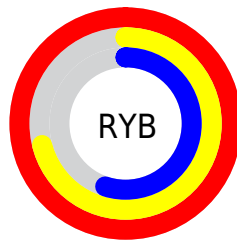
Distribution



Red (100%)

Green (67%)

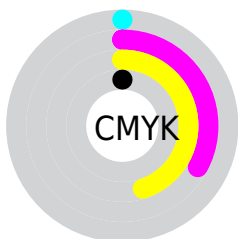
Blue (55%)



Red (100%)

Yellow (71%)

Blue (55%)

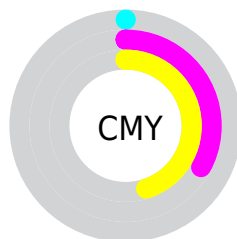


Cyan (0%)

Magenta (33%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2793, 0.4189, 0.3617 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 52.2793, 0.4189, 0.3617 by changing the saturation by 10% instead.


 52.2793, 0.4189,
0.3617

 52.2793, 0.4189,
0.3617


395.5139, 0.3665,
0.3481

 37.2277, 0.4315,
0.3642


 93.5430, 0.4001,
0.3574

 25.3839, 0.4474,
0.3669


 120.5240, 0.3930,
0.3556

 16.3633, 0.4679,
0.3696


 152.2502, 0.3869,
0.3540

 9.7816, 0.4951,
0.3717

189.1060, 0.3817,
0.3526

 5.2544, 0.5323,
0.3717

231.4760, 0.3772,
0.3513

 2.3973, 0.6054,
0.3777

279.7443, 0.3732,

 0.8245, 0.6618,

0.3501

334.2955, 0.3696,
0.3491

0.3382

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2793, 0.4189,
0.3617

52.2793, 0.4189,
0.3617

45.0595, 0.4539,
0.3679

60.6564, 0.3881,
0.3545

38.9568, 0.4920,
0.3719

70.2539, 0.3618,
0.3469

33.9088, 0.5308,
0.3727

81.1144, 0.3396,
0.3395

29.8518, 0.5667,
0.3692

93.2821, 0.3210,
0.3324

■ 26.7140, 0.5954,
0.3613

100.0000, 0.3127,
0.3290

■ 25.4802, 0.6066,
0.3565

Harmonies

Analogous

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



52.2793, 0.3985, 0.3199



52.2793, 0.4189, 0.3617



52.2793, 0.4077, 0.4000

Triad

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



52.2793, 0.4189, 0.3617



52.2793, 0.2694, 0.3830



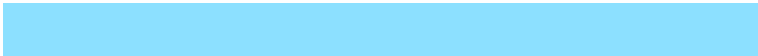
52.2793, 0.2522, 0.2447

Complementary

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



52.2793, 0.4189, 0.3617



66.1156, 0.2456, 0.2924

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.



52.2793, 0.2238, 0.2529



52.2793, 0.4189, 0.3617



52.2793, 0.2327, 0.3297

Square

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



52.2793, 0.4189, 0.3617



52.2793, 0.3197, 0.4194



52.2793, 0.2170, 0.2821



52.2793, 0.2984, 0.2556

Rectangle

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



52.2793, 0.4189, 0.3617



52.2793, 0.3851, 0.4183



52.2793, 0.2170, 0.2821



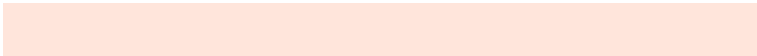
52.2793, 0.2405, 0.2452

Sweetspot

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



52.2749, 0.4189, 0.3617



82.3840, 0.3374, 0.3387



45.4173, 0.3453, 0.2446



17.1020, 0.3417, 0.3403



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.



52.2749, 0.4189, 0.3617



45.7954, 0.4498, 0.3673



78.7326, 0.3911, 0.4174



18.7831, 0.3288, 0.3355



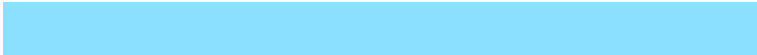
13.5230, 0.6038, 0.3588



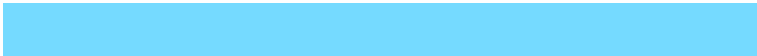
1.4880, 0.5818, 0.3762

Inverse Universe

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



66.1156, 0.2456, 0.2924



61.1129, 0.2344, 0.2838



40.3733, 0.2329, 0.2204



19.6048, 0.2980, 0.3224



22.4471, 0.1997, 0.2388



2.3664, 0.2029, 0.2503

Previews

White Background



This preview shows how the Yxy color 52.2793, 0.4189, 0.3617 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 52.2793, 0.4189, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

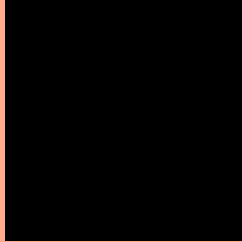
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2793, 0.4189, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 52.2793, 0.4189, 0.3617.



This preview shows how white text looks on a background with the Yxy color 52.2793, 0.4189, 0.3617.

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

52.2793, 0.4189, 0.3617

Protanopia

52.2689, 0.3569, 0.3811

Deuteranopia

52.6099, 0.3901, 0.3821



Tritanopia

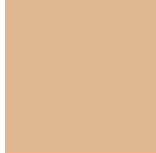
52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.2793, 0.4189, 0.3617



Protanomaly

52.0443, 0.3789, 0.3737



Deuteranomaly

52.2814, 0.4006, 0.3737



Tritanomaly

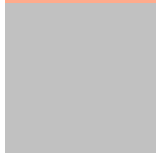
51.9819, 0.3967, 0.3324

Monochromacy



Original Color

52.2793, 0.4189, 0.3617



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.3528, 0.3484, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2793, 0.4189, 0.3617 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, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 140)  
}
```

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, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 140) }
```

Border

The CSS property to change the border of an element to Yxy 52.2793, 0.4189, 0.3617 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, 171, 140) }
```

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

```
.border{ border-color:rgb(255, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2793, 0.4189, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 140) }
```

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

```
.background{ background-color: rgb(255,  
171, 140) }
```

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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