

Converting Colors

$Y_{xy}(48.6811, 0.4033, 0.3516)$

Have a look what the booklet for
Yxy(48.6811, 0.4033, 0.3516)
contains.

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Color

Yxy(48.6213, 0.4025, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	F2A793
RGB	242, 167, 147
RGB Percent	95%, 65%, 58%
CMY	0.0512, 0.3450, 0.4235
CMYK	0.00, 0.31, 0.39, 0.05
HSL	13°, 78%, 76%
HSV	13°, 39%, 95%
XYZ	55.6917, 48.6213, 34.0515
YIQ	187.1450, 51.1200, 9.6800

Conversions

Conversions Part 2

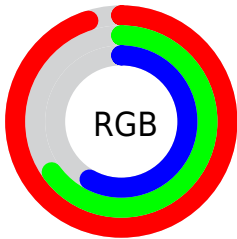
Format	Color
R _Y B	242, 172, 147
Decimal	15902611
CIE Lab	75.22, 25.23, 21.51
CIE LCh	75, 33.154, 40.456
Yxy	48.6213, 0.4025, 0.3514
Android (android.graphics.Color)	4294092691 (0xFFFF2A793)
YUV	187.1450, -19.7915, 48.1078
Hunter-Lab	69.7290, 20.5402, 19.8565

Details

The Yxy color **48.6213, 0.4025, 0.3514** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.8138, 0.2547, 0.3049**, and the grayscale version is **49.8733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2524, 0.3511, 0.3514**, and **23.0695, 0.4291, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **41.4544, 0.4367, 0.3567**, and if you desaturate by 10%, it is **56.9854, 0.3732, 0.3455**.

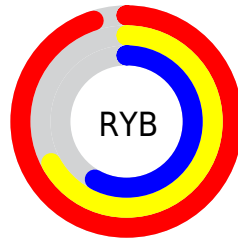
Distribution



Red (95%)

Green (65%)

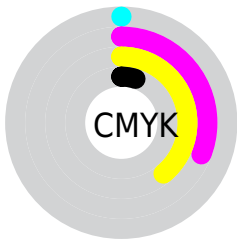
Blue (58%)



Red (95%)

Yellow (67%)

Blue (58%)

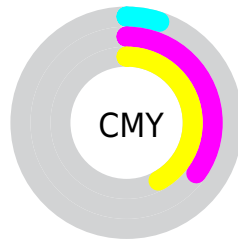


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (5%)



Cyan (5%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6213, 0.4025, 0.3514 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 48.6213, 0.4025, 0.3514 by changing the saturation by 10% instead.


 48.6213, 0.4025,
0.3514


 48.6213, 0.4025,
0.3514


381.2496, 0.3575,
0.3419

 34.3192, 0.4136,
0.3532


 88.1287, 0.3862,
0.3484

 23.1389, 0.4278,
0.3552


 114.1028, 0.3801,
0.3471

 14.6961, 0.4465,
0.3572


144.7364, 0.3749,
0.3460

 8.6064, 0.4720,
0.3589

180.4138, 0.3704,
0.3450

 4.4853, 0.5083,
0.3591

221.5194, 0.3665,
0.3441

 1.9486, 0.5765,
0.3622

268.4376, 0.3631,

 0.5773, 0.6765,

0.3433

0.3235

321.5529, 0.3602,
0.3426

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6213, 0.4025,
0.3514

48.6213, 0.4025,
0.3514

41.4544, 0.4367,
0.3567

56.9854, 0.3732,
0.3455

35.4224, 0.4754,
0.3608

66.5911, 0.3487,
0.3396

30.4680, 0.5166,
0.3627

77.4892, 0.3284,
0.3339

26.5260, 0.5569,
0.3613

89.7255, 0.3116,
0.3286

■ 23.5234, 0.5916,
0.3561

■ 97.6095, 0.3047,
0.3290

■ 21.3723, 0.6165,
0.3480

■ 21.2406, 0.6181,
0.3474

Harmonies

Analogous

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



48.6213, 0.3801, 0.3149



48.6213, 0.4025, 0.3514



48.6213, 0.3984, 0.3856

Triad

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



48.6213, 0.4025, 0.3514



48.6213, 0.2834, 0.3823



48.6213, 0.2544, 0.2557

Complementary

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



48.6213, 0.4025, 0.3514



64.8138, 0.2547, 0.3049

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.



48.6213, 0.2328, 0.2668



48.6213, 0.4025, 0.3514



48.6213, 0.2484, 0.3388

Square

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



48.6213, 0.4025, 0.3514



48.6213, 0.3281, 0.4086



48.6213, 0.2306, 0.2960



48.6213, 0.2922, 0.2620

Rectangle

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



48.6213, 0.4025, 0.3514



48.6213, 0.3819, 0.4026



48.6213, 0.2306, 0.2960



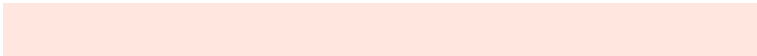
48.6213, 0.2451, 0.2574

Sweetspot

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



48.6237, 0.4025, 0.3514



83.7342, 0.3337, 0.3355



45.0618, 0.3340, 0.2494



17.5718, 0.3363, 0.3362



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.



48.6237, 0.4025, 0.3514



48.3050, 0.4291, 0.3557



68.8005, 0.3825, 0.4000



16.2991, 0.3288, 0.3341



11.5743, 0.6155, 0.3494



1.1026, 0.5910, 0.3690

Inverse Universe

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



64.8138, 0.2547, 0.3049



68.8204, 0.2447, 0.2992



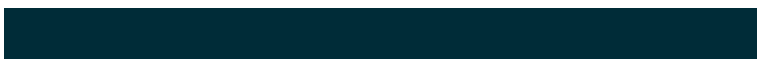
43.4599, 0.2456, 0.2455



17.3298, 0.2981, 0.3239



23.6553, 0.2055, 0.2597



2.1078, 0.2083, 0.2699

Previews

White Background



This preview shows how the Yxy color 48.6213, 0.4025, 0.3514 looks on a white background.

Color Contrast Check

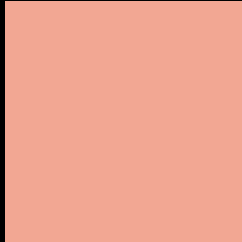
Large Text (above 18pt) WCAG AA × Fail

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 48.6213, 0.4025, 0.3514 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 48.6213, 0.4025, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 48.6213, 0.4025, 0.3514.



This preview shows how white text looks on a background with the Yxy color 48.6213, 0.4025, 0.3514.

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

48.6213, 0.4025, 0.3514

Protanopia

48.8340, 0.3457, 0.3661

Deuteranopia

48.6368, 0.3766, 0.3689



Tritanopia

48.7020, 0.3796, 0.3161

Trichromacy



Original Color

48.6213, 0.4025, 0.3514

Protanomaly

48.2868, 0.3658, 0.3596

Deuteranomaly

48.5162, 0.3856, 0.3620

Tritanomaly

48.5006, 0.3882, 0.3281

Monochromacy



Original Color

48.6213, 0.4025, 0.3514

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.8865, 0.3432, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6213, 0.4025, 0.3514 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(242, 167, 147)` looks like.

```
.text, #text, p{  
    color:rgb(242, 167, 147)  
}
```

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(242, 167, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 167, 147) }
```

Border

The CSS property to change the border of an element to Yxy 48.6213, 0.4025, 0.3514 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(242, 167, 147) }
```

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

```
.border{ border-color:rgb(242, 167, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 167, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 167, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 167, 147);  
box-shadow:4px 4px 4px 4px rgb(242, 167,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6213, 0.4025, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 167, 147) }
```

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

```
.background{ background-color: rgb(242,  
167, 147) }
```

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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