

Converting Colors

Yxy(51.1231, 0.4022, 0.3433)

Have a look what the booklet for
Yxy(51.1231, 0.4022, 0.3433)
contains.

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Color

Yxy(51.2517, 0.4022, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	FBA99B
RGB	251, 169, 155
RGB Percent	98%, 66%, 61%
CMY	0.0157, 0.3372, 0.3920
CMYK	0.00, 0.33, 0.38, 0.02
HSL	9°, 92%, 80%
HSV	9°, 38%, 98%
XYZ	59.8880, 51.2517, 37.7613
YIQ	191.9220, 53.3660, 13.0300

Conversions

Conversions Part 2

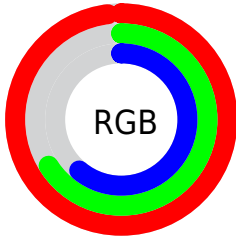
Format	Color
R _Y B	251, 171, 155
Decimal	16492955
CIE Lab	76.83, 28.52, 19.54
CIE LCh	77, 34.567, 34.417
Yxy	51.2517, 0.4022, 0.3442
Android (android.graphics.Color)	4294683035 (0xFFFBA99B)
YUV	191.9220, -18.2025, 51.8114
Hunter-Lab	71.5903, 24.0389, 18.8399

Details

The Yxy color **51.2517, 0.4022, 0.3442** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.5156, 0.2571, 0.3129**, and the grayscale version is **52.7520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7139, 0.3451, 0.3452**, and **24.6967, 0.4267, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **43.1607, 0.4379, 0.3479**, and if you desaturate by 10%, it is **60.8314, 0.3720, 0.3401**.

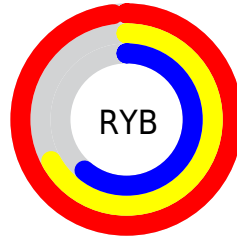
Distribution



Red (98%)

Green (66%)

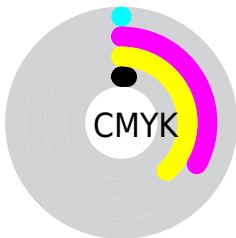
Blue (61%)



Red (98%)

Yellow (67%)

Blue (61%)

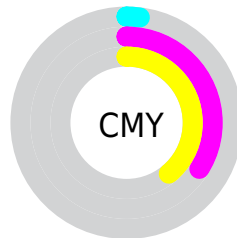


Cyan (0%)

Magenta (33%)

Yellow (38%)

Black (2%)



Cyan (2%)


Magenta (34%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2517, 0.4022, 0.3442 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 51.2517, 0.4022, 0.3442 by changing the saturation by 10% instead.


 51.2517, 0.4022,
0.3442

 51.2517, 0.4022,
0.3442


391.5409, 0.3577,
0.3383

 36.4090, 0.4131,
0.3452

 92.0267, 0.3861,
0.3424

 24.7502, 0.4270,
0.3461


 118.7278, 0.3801,
0.3417

 15.8911, 0.4452,
0.3469


150.1504, 0.3749,
0.3410

 9.4471, 0.4699,
0.3470

186.6790, 0.3705,
0.3403

 5.0339, 0.5051,
0.3454

228.6980, 0.3667,
0.3397

 2.2672, 0.5606,
0.3400

276.5917, 0.3633,

 0.7563, 0.6728,

0.3392

0.3272

330.7445, 0.3604,
0.3387

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2517, 0.4022,
0.3442

51.2517, 0.4022,
0.3442

43.1607, 0.4379,
0.3479

60.8314, 0.3720,
0.3401

36.4764, 0.4788,
0.3507

71.9618, 0.3471,
0.3360

31.1200, 0.5227,
0.3518

84.7104, 0.3267,
0.3320

27.0019, 0.5654,
0.3504

99.1105, 0.3102,
0.3288

■ 24.0211, 0.6014,
0.3462

■ 99.2476, 0.3102,
0.3290

■ 22.0581, 0.6254,
0.3400

■ 21.8028, 0.6287,
0.3390

Harmonies

Analogous

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



51.2517, 0.3743, 0.3074



51.2517, 0.4022, 0.3442



51.2517, 0.4035, 0.3803

Triad

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



51.2517, 0.4022, 0.3442



51.2517, 0.2914, 0.3911



51.2517, 0.2471, 0.2548

Complementary

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



51.2517, 0.4022, 0.3442



74.5156, 0.2571, 0.3129

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.



51.2517, 0.2289, 0.2699



51.2517, 0.4022, 0.3442



51.2517, 0.2528, 0.3485

Square

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



51.2517, 0.4022, 0.3442



51.2517, 0.3377, 0.4128



51.2517, 0.2308, 0.3031



51.2517, 0.2828, 0.2579

Rectangle

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



51.2517, 0.4022, 0.3442



51.2517, 0.3896, 0.3998



51.2517, 0.2308, 0.3031



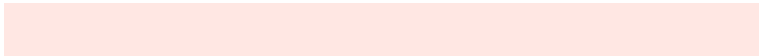
51.2517, 0.2389, 0.2578

Sweetspot

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



51.2542, 0.4022, 0.3442



83.9745, 0.3320, 0.3331



50.1466, 0.3278, 0.2454



17.5825, 0.3346, 0.3336



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.



51.2542, 0.4022, 0.3442



46.4561, 0.4296, 0.3472



71.8884, 0.3830, 0.3922



17.6329, 0.3290, 0.3325



11.5864, 0.6266, 0.3406



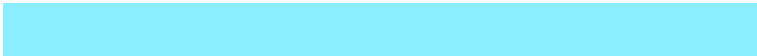
1.1919, 0.6073, 0.3560

Inverse Universe

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



74.5156, 0.2571, 0.3129



73.6997, 0.2476, 0.3091



50.8583, 0.2486, 0.2559



19.1524, 0.2980, 0.3255



29.2285, 0.2117, 0.2821



2.8209, 0.2134, 0.2882

Previews

White Background



This preview shows how the Yxy color 51.2517, 0.4022, 0.3442 looks on a white background.

Color Contrast Check

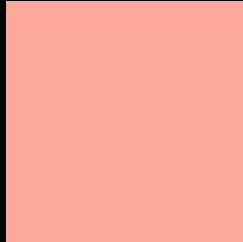
Large Text (above 18pt) WCAG AA × Fail

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 51.2517, 0.4022, 0.3442 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 51.2517, 0.4022, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 51.2517, 0.4022, 0.3442.



This preview shows how white text looks on a background with the Yxy color 51.2517, 0.4022, 0.3442.

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

51.2517, 0.4022, 0.3442

Protanopia

51.6856, 0.3399, 0.3603

Deuteranopia

51.5390, 0.3714, 0.3646



Tritanopia

51.3694, 0.3831, 0.3165

Trichromacy



Original Color

51.2517, 0.4022, 0.3442

Protanomaly

50.9345, 0.3621, 0.3542

Deuteranomaly

51.3297, 0.3823, 0.3566

Tritanomaly

51.2352, 0.3896, 0.3260

Monochromacy



Original Color

51.2517, 0.4022, 0.3442

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.6818, 0.3418, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2517, 0.4022, 0.3442 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(251, 169, 155)` looks like.

```
.text, #text, p{  
    color:rgb(251, 169, 155)  
}
```

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(251, 169, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 169, 155) }
```

Border

The CSS property to change the border of an element to Yxy 51.2517, 0.4022, 0.3442 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(251, 169, 155) }
```

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

```
.border{ border-color:rgb(251, 169, 155) }
```

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

Here you see how a box with a 4 pixel rgb(251, 169, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 169, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 169, 155);  
box-shadow:4px 4px 4px 4px rgb(251, 169,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2517, 0.4022, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 169, 155) }
```

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

```
.background{ background-color: rgb(251,  
169, 155) }
```

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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