

Converting Colors

Yxy(52.9490, 0.3763, 0.3484)

Have a look what the booklet for
Yxy(52.9490, 0.3763, 0.3484)
contains.

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Color

Yxy(52.9490, 0.3763, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	EBB4A3
RGB	235, 180, 163
RGB Percent	92%, 71%, 64%
CMY	0.0785, 0.2941, 0.3609
CMYK	0.00, 0.23, 0.31, 0.08
HSL	14°, 64%, 78%
HSV	14°, 31%, 92%
XYZ	57.1892, 52.9490, 41.8394
YIQ	194.5070, 38.2370, 6.3730

Conversions

Conversions Part 2

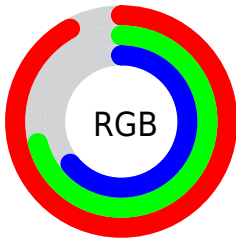
Format	Color
RYB	235, 185, 163
Decimal	15447203
CIELab	77.84, 17.61, 16.40
CIElCh	78, 24.062, 42.962
Yxy	52.9490, 0.3763, 0.3484
Android (android.graphics.Color)	4293637283 (0xFFEBB4A3)
YUV	194.5070, -15.5330, 35.5124
Hunter-Lab	72.7661, 12.9482, 16.8453

Details

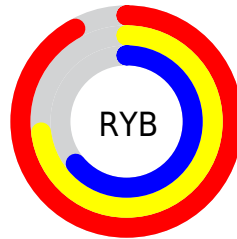
The Yxy color **52.9490, 0.3763, 0.3484** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.8972, 0.2663, 0.3086**, and the grayscale version is **54.3417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3129, 0.3372, 0.3470**, and **25.7914, 0.3942, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **45.4054, 0.4056, 0.3549**, and if you desaturate by 10%, it is **61.5914, 0.3516, 0.3418**.

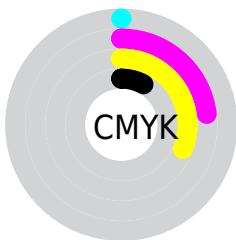
Distribution



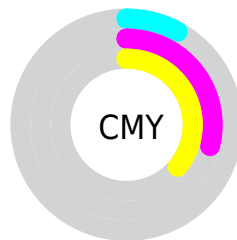
- Red (92%)
- Green (71%)
- Blue (64%)



- Red (92%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9490, 0.3763, 0.3484 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 52.9490, 0.3763, 0.3484 by changing the saturation by 10% instead.


 52.9490, 0.3763,
0.3484


 52.9490, 0.3763,
0.3484


398.0894, 0.3449,
0.3397

 37.7621, 0.3840,
0.3503


 94.5293, 0.3650,
0.3455

 25.7981, 0.3938,
0.3525


 121.6915, 0.3607,
0.3443

 16.6726, 0.4066,
0.3551


153.6142, 0.3571,
0.3433

 10.0014, 0.4240,
0.3582

190.6818, 0.3540,
0.3424

 5.3999, 0.4492,
0.3617

233.2787, 0.3512,
0.3416

 2.4837, 0.4878,
0.3646

281.7894, 0.3489,

 0.8685, 0.6044,

0.3409

0.3956

336.5982, 0.3468,
0.3403

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9490, 0.3763,
0.3484

52.9490, 0.3763,
0.3484

45.4054, 0.4056,
0.3549

61.5914, 0.3516,
0.3418

38.9088, 0.4396,
0.3608

71.3670, 0.3309,
0.3354

33.4142, 0.4776,
0.3652

82.3178, 0.3137,
0.3294

28.8702, 0.5178,
0.3671

94.3543, 0.3005,
0.3258

■ 25.2208, 0.5567,
0.3654

■ 96.4013, 0.3005,
0.3290

■ 22.4033, 0.5899,
0.3596

■ 20.4521, 0.6129,
0.3516

Harmonies

Analogous

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



52.9490, 0.3620, 0.3216



52.9490, 0.3763, 0.3484



52.9490, 0.3724, 0.3720

Triad

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



52.9490, 0.3763, 0.3484



52.9490, 0.2899, 0.3636



52.9490, 0.2730, 0.2760

Complementary

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



52.9490, 0.3763, 0.3484



63.8972, 0.2663, 0.3086

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.



52.9490, 0.2558, 0.2838



52.9490, 0.3763, 0.3484



52.9490, 0.2652, 0.3338

Square

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



52.9490, 0.3763, 0.3484



52.9490, 0.3216, 0.3831



52.9490, 0.2531, 0.3043



52.9490, 0.3012, 0.2813

Rectangle

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



52.9490, 0.3763, 0.3484



52.9490, 0.3603, 0.3826



52.9490, 0.2531, 0.3043



52.9490, 0.2658, 0.2771

Sweetspot

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



52.9515, 0.3763, 0.3484



87.9364, 0.3279, 0.3344



48.9152, 0.3304, 0.2692



18.4281, 0.3306, 0.3353



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.



52.9515, 0.3763, 0.3484



57.6788, 0.3948, 0.3527



69.3071, 0.3647, 0.3867



15.6326, 0.3287, 0.3346



11.5464, 0.6103, 0.3536



1.0514, 0.5836, 0.3748

Inverse Universe

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



63.8972, 0.2663, 0.3086



72.8530, 0.2572, 0.3036



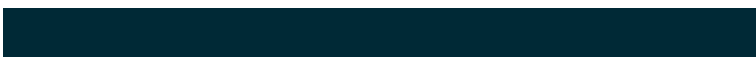
47.3077, 0.2612, 0.2637



16.4825, 0.2981, 0.3233



21.5739, 0.2030, 0.2508



1.8395, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 52.9490, 0.3763, 0.3484 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 52.9490, 0.3763, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

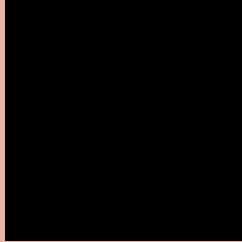
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9490, 0.3763, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 52.9490, 0.3763, 0.3484.



This preview shows how white text looks on a background with the Yxy color 52.9490, 0.3763, 0.3484.

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

52.9490, 0.3763, 0.3484

Protanopia

53.1204, 0.3389, 0.3574

Deuteranopia

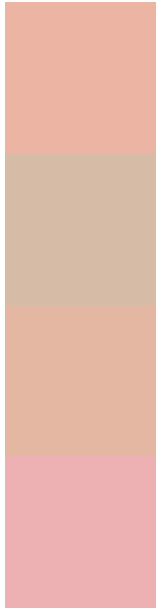
52.8362, 0.3639, 0.3561



Tritanopia

52.9455, 0.3559, 0.3137

Trichromacy



Original Color

52.9490, 0.3763, 0.3484

Protanomaly

53.0526, 0.3518, 0.3542

Deuteranomaly

52.8065, 0.3690, 0.3534

Tritanomaly

52.7441, 0.3637, 0.3258

Monochromacy



Original Color

52.9490, 0.3763, 0.3484

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9474, 0.3349, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9490, 0.3763, 0.3484 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(235, 180, 163)` looks like.

```
.text, #text, p{  
    color:rgb(235, 180, 163)  
}
```

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(235, 180, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 180, 163) }
```

Border

The CSS property to change the border of an element to Yxy 52.9490, 0.3763, 0.3484 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(235, 180, 163) }
```

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

```
.border{ border-color:rgb(235, 180, 163) }
```

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

Here you see how a box with a 4 pixel rgb(235, 180, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 180, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 180, 163);  
box-shadow:4px 4px 4px 4px rgb(235, 180,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9490, 0.3763, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 180, 163) }
```

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

```
.background{ background-color: rgb(235,  
180, 163) }
```

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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