

Converting Colors

Yxy(61.9823, 0.3541, 0.3494)

Have a look what the booklet for
Yxy(61.9823, 0.3541, 0.3494)
contains.

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Color

Yxy(62.1372, 0.3546, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	EAC8B5
RGB	234, 200, 181
RGB Percent	92%, 78%, 71%
CMY	0.0825, 0.2156, 0.2903
CMYK	0.00, 0.15, 0.23, 0.08
HSL	22°, 56%, 81%
HSV	22°, 23%, 92%
XYZ	62.9179, 62.1372, 52.3784
YIQ	208.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

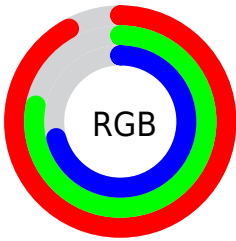
Format	Color
RYB	234, 211, 181
Decimal	15386805
CIELab	82.99, 9.10, 13.96
CIElCh	83, 16.659, 56.907
Yxy	62.1372, 0.3546, 0.3502
Android (android.graphics.Color)	4293576885 (0xFFEAC8B5)
YUV	208.0000, -13.3110, 22.8020
Hunter-Lab	78.8272, 4.5268, 15.7825

Details

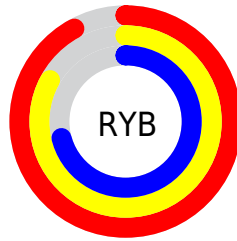
The Yxy color $62.1372, 0.3546, 0.3502$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $64.3251, 0.2775, 0.3068$, and the grayscale version is $63.1507, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8944, 0.3232, 0.3464$, and $31.5813, 0.3659, 0.3552$ is the 20% darker color. If you saturate the color by 10%, you get $54.6516, 0.3784, 0.3602$, and if you desaturate by 10%, it is $70.4706, 0.3342, 0.3405$.

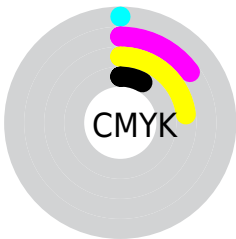
Distribution



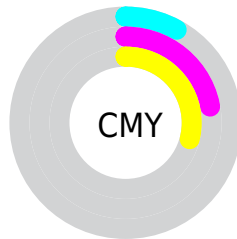
- Red (92%)
- Green (78%)
- Blue (71%)



- Red (92%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (8%)




- Cyan (8%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1372, 0.3546, 0.3502 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 62.1372, 0.3546, 0.3502 by changing the saturation by 10% instead.

 62.1372, 0.3546,
0.3502

 62.1372, 0.3546,
0.3502


432.4314, 0.3345,
0.3404

 45.1436, 0.3594,
0.3524

 107.9238, 0.3475,
0.3468

 31.5705, 0.3653,
0.3551


137.4856, 0.3448,
0.3455

 21.0337, 0.3730,
0.3585


172.0055, 0.3424,
0.3444

 13.1486, 0.3833,
0.3629

211.8680, 0.3404,
0.3434

 7.5310, 0.3977,
0.3687

257.4574, 0.3387,
0.3425

 3.7963, 0.4193,
0.3767

309.1582, 0.3371,

 1.5603, 0.4600,

0.3417

0.3919

367.3547, 0.3358,
0.3410

0.3306, 0.6186,
0.3814

0.0000, 0.0000,
0.0000

62.1372, 0.3546,
0.3502

62.1372, 0.3546,
0.3502

54.6516, 0.3784,
0.3602

70.4706, 0.3342,
0.3405

47.9777, 0.4057,
0.3699

79.6695, 0.3169,
0.3313

42.0893, 0.4365,
0.3787

89.7617, 0.3021,
0.3228

36.9552, 0.4699,
0.3855

96.2282, 0.2999,
0.3290

■ 32.5421, 0.5044,
0.3891

■ 28.8136, 0.5375,
0.3881

■ 25.7290, 0.5661,
0.3820

■ 23.8399, 0.5835,
0.3749

Harmonies

Analogous

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



62.1372, 0.3506, 0.3329



62.1372, 0.3546, 0.3502



62.1372, 0.3469, 0.3627

Triad

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



62.1372, 0.3546, 0.3502



62.1372, 0.2894, 0.3430



62.1372, 0.2946, 0.2941

Complementary

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



62.1372, 0.3546, 0.3502



64.3251, 0.2775, 0.3068

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.



62.1372, 0.2791, 0.2955



62.1372, 0.3546, 0.3502



62.1372, 0.2762, 0.3232

Square

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



62.1372, 0.3546, 0.3502



62.1372, 0.3090, 0.3592



62.1372, 0.2725, 0.3059



62.1372, 0.3154, 0.3013

Rectangle

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



62.1372, 0.3546, 0.3502



62.1372, 0.3365, 0.3663



62.1372, 0.2725, 0.3059



62.1372, 0.2886, 0.2936

Sweetspot

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



62.1400, 0.3546, 0.3502



91.8224, 0.3241, 0.3353



55.4532, 0.3300, 0.2916



19.5082, 0.3252, 0.3358



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.



62.1400, 0.3546, 0.3502



71.3450, 0.3648, 0.3546



75.2294, 0.3486, 0.3776



15.9399, 0.3284, 0.3375



13.6167, 0.5806, 0.3772



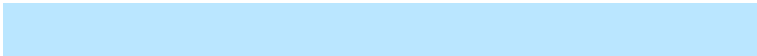
1.2458, 0.5542, 0.3981

Inverse Universe

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



64.3251, 0.2775, 0.3068



74.4169, 0.2705, 0.3018



52.1219, 0.2751, 0.2753



16.1586, 0.2981, 0.3203



15.8280, 0.1909, 0.2070



1.4239, 0.1961, 0.2258

Previews

White Background



This preview shows how the Yxy color 62.1372, 0.3546, 0.3502 looks on a white background.

Color Contrast Check

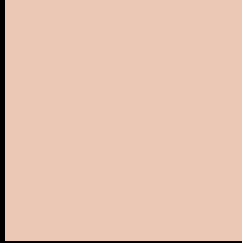
Large Text (above 18pt) WCAG AA × Fail

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 62.1372, 0.3546, 0.3502 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 62.1372, 0.3546, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 62.1372, 0.3546, 0.3502.



This preview shows how white text looks on a background with the Yxy color 62.1372, 0.3546, 0.3502.

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

62.1372, 0.3546, 0.3502

Protanopia

62.2022, 0.3364, 0.3545

Deuteranopia

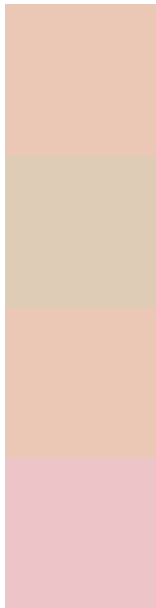
62.0159, 0.3565, 0.3490



Tritanopia

62.3601, 0.3350, 0.3130

Trichromacy



Original Color

62.1372, 0.3546, 0.3502

Protanomaly

62.2926, 0.3432, 0.3529

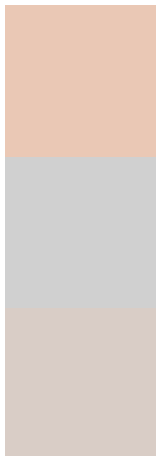
Deuteranomaly

61.8452, 0.3557, 0.3490

Tritanomaly

62.1072, 0.3427, 0.3258

Monochromacy



Original Color

62.1372, 0.3546, 0.3502

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4916, 0.3270, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1372, 0.3546, 0.3502 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(234, 200, 181)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 181)  
}
```

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(234, 200, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 181) }
```

Border

The CSS property to change the border of an element to Yxy 62.1372, 0.3546, 0.3502 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(234, 200, 181) }
```

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

```
.border{ border-color:rgb(234, 200, 181) }
```

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

Here you see how a box with a 4 pixel rgb(234, 200, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1372, 0.3546, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 200, 181) }
```

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

```
.background{ background-color: rgb(234,  
200, 181) }
```

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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