

Converting Colors

Yxy(62.1512, 0.3528, 0.3456)

Have a look what the booklet for
Yxy(62.1512, 0.3528, 0.3456)
contains.

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Color

Yxy(61.9697, 0.3533, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	EBC7B8
RGB	235, 199, 184
RGB Percent	92%, 78%, 72%
CMY	0.0785, 0.2196, 0.2785
CMYK	0.00, 0.15, 0.22, 0.08
HSL	18°, 56%, 82%
HSV	18°, 22%, 92%
XYZ	63.3321, 61.9697, 53.9568
YIQ	208.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

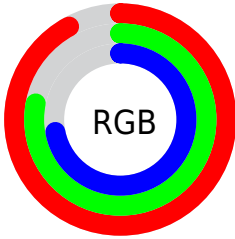
Format	Color
R _Y B	235, 205, 184
Decimal	15452088
CIE Lab	82.90, 10.43, 12.24
CIE LCh	83, 16.087, 49.566
Yxy	61.9697, 0.3533, 0.3457
Android (android.graphics.Color)	4293642168 (0xFFEBC7B8)
YUV	208.0540, -11.8586, 23.6316
Hunter-Lab	78.7208, 5.8444, 14.4660

Details

The Yxy color **61.9697, 0.3533, 0.3457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3495, 0.2792, 0.3117**, and the grayscale version is **63.1792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **31.4732, 0.3642, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **53.8509, 0.3777, 0.3539**, and if you desaturate by 10%, it is **71.0885, 0.3327, 0.3377**.

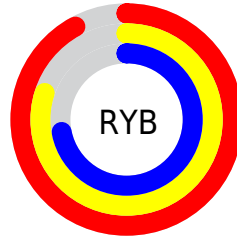
Distribution



Red (92%)

Green (78%)

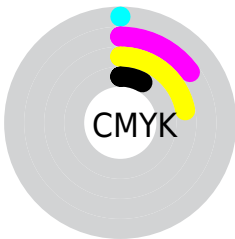
Blue (72%)



Red (92%)

Yellow (80%)

Blue (72%)

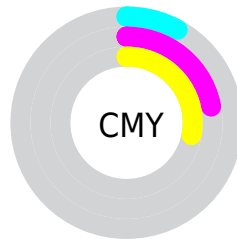


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (8%)



Cyan (8%)


Magenta (22%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9697, 0.3533, 0.3457 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 61.9697, 0.3533, 0.3457 by changing the saturation by 10% instead.


 61.9697, 0.3533,
0.3457

 61.9697, 0.3533,
0.3457


431.8206, 0.3338,
0.3381

 45.0082, 0.3579,
0.3474


 107.6817, 0.3464,
0.3431

 31.4639, 0.3637,
0.3495


137.2011, 0.3438,
0.3420

 20.9523, 0.3712,
0.3521


171.6752, 0.3415,
0.3412

 13.0892, 0.3813,
0.3555

211.4884, 0.3396,
0.3404

 7.4900, 0.3954,
0.3599

257.0251, 0.3378,
0.3397

 3.7704, 0.4167,
0.3658

308.6698, 0.3363,

 1.5460, 0.4545,

0.3391

0.3757

366.8068, 0.3350,
0.3385

0.3207, 0.6356,
0.3644

0.0000, 0.0000,
0.0000

61.9697, 0.3533,
0.3457

61.9697, 0.3533,
0.3457

53.8509, 0.3777,
0.3539

71.0885, 0.3327,
0.3377

46.6891, 0.4061,
0.3620

81.2317, 0.3154,
0.3302

40.4505, 0.4387,
0.3692

92.4334, 0.3008,
0.3233

35.0959, 0.4747,
0.3748

96.4009, 0.3005,
0.3290

■ 30.5833, 0.5123,
0.3774

■ 26.8668, 0.5485,
0.3759

■ 23.8951, 0.5797,
0.3696

■ 21.9484, 0.6000,
0.3618

Harmonies

Analogous

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



61.9697, 0.3467, 0.3285



61.9697, 0.3533, 0.3457



61.9697, 0.3486, 0.3593

Triad

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



61.9697, 0.3533, 0.3457



61.9697, 0.2944, 0.3469



61.9697, 0.2909, 0.2947

Complementary

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



61.9697, 0.3533, 0.3457



67.3495, 0.2792, 0.3117

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.



61.9697, 0.2778, 0.2983



61.9697, 0.3533, 0.3457



61.9697, 0.2797, 0.3281

Square

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



61.9697, 0.3533, 0.3457



61.9697, 0.3142, 0.3608



61.9697, 0.2738, 0.3103



61.9697, 0.3102, 0.2998

Rectangle

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



61.9697, 0.3533, 0.3457



61.9697, 0.3398, 0.3643



61.9697, 0.2738, 0.3103



61.9697, 0.2857, 0.2950

Sweetspot

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



61.9725, 0.3533, 0.3457



91.1321, 0.3242, 0.3342



57.1279, 0.3264, 0.2897



19.3486, 0.3253, 0.3346



0.0000, 0.0000, 0.0000



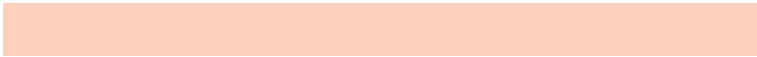
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9725, 0.3533, 0.3457



70.1494, 0.3635, 0.3493



74.3992, 0.3478, 0.3720



15.7774, 0.3285, 0.3360



12.4086, 0.5972, 0.3640



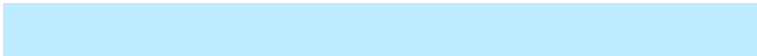
1.1360, 0.5700, 0.3856

Inverse Universe

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



67.3495, 0.2792, 0.3117



77.6815, 0.2725, 0.3077



55.2287, 0.2771, 0.2819



16.3286, 0.2981, 0.3219



18.6968, 0.1973, 0.2302



1.6336, 0.2015, 0.2455

Previews

White Background



This preview shows how the Yxy color 61.9697, 0.3533, 0.3457 looks on a white background.

Color Contrast Check

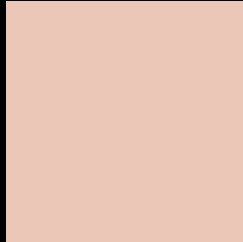
Large Text (above 18pt) WCAG AA × Fail

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 61.9697, 0.3533, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

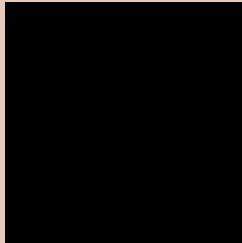
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9697, 0.3533, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 61.9697, 0.3533, 0.3457.



This preview shows how white text looks on a background with the Yxy color 61.9697, 0.3533, 0.3457.

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

61.9697, 0.3533, 0.3457

Protanopia

62.2205, 0.3327, 0.3498

Deuteranopia

61.9697, 0.3533, 0.3457



Tritanopia

61.8605, 0.3359, 0.3129

Trichromacy



Original Color

61.9697, 0.3533, 0.3457

Protanomaly

61.8293, 0.3395, 0.3473

Deuteranomaly

61.9697, 0.3533, 0.3457

Tritanomaly

61.7014, 0.3420, 0.3237

Monochromacy



Original Color

61.9697, 0.3533, 0.3457

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.6916, 0.3271, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9697, 0.3533, 0.3457 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, 199, 184)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 184)  
}
```

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, 199, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 184) }
```

Border

The CSS property to change the border of an element to Yxy 61.9697, 0.3533, 0.3457 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, 199, 184) }
```

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

```
.border{ border-color:rgb(235, 199, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 184);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9697, 0.3533, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 184) }
```

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

```
.background{ background-color: rgb(235,  
199, 184) }
```

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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