

Converting Colors

$Y_{xy}(62.8562, 0.3527, 0.3572)$

Have a look what the booklet for
Yxy(62.8562, 0.3527, 0.3572)
contains.

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Color

Yxy(62.7492, 0.3529, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	E6CBB2
RGB	230, 203, 178
RGB Percent	90%, 80%, 70%
CMY	0.0983, 0.2038, 0.3020
CMYK	0.00, 0.12, 0.23, 0.10
HSL	29°, 51%, 80%
HSV	29°, 23%, 90%
XYZ	62.0112, 62.7492, 50.9585
YIQ	208.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

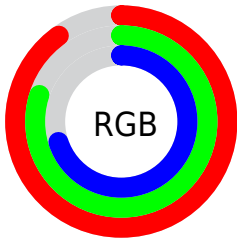
Format	Color
RYB	230, 226, 178
Decimal	15125426
CIELab	83.31, 5.60, 15.94
CIELCh	83, 16.898, 70.659
Yxy	62.7492, 0.3529, 0.3571
Android (android.graphics.Color)	4293315506 (0xFFE6CBB2)
YUV	208.2230, -14.8999, 19.0984
Hunter-Lab	79.2144, 1.1095, 17.3089

Details

The Yxy color **62.7492, 0.3529, 0.3571** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.7954, 0.2770, 0.2991**, and the grayscale version is **63.3133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **31.9742, 0.3635, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **56.4904, 0.3748, 0.3702**, and if you desaturate by 10%, it is **69.6011, 0.3336, 0.3443**.

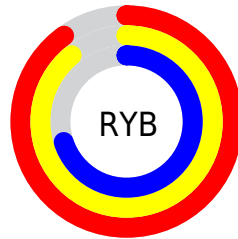
Distribution



Red (90%)

Green (80%)

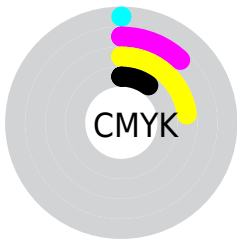
Blue (70%)



Red (90%)

Yellow (89%)

Blue (70%)

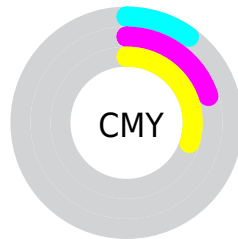


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (10%)



Cyan (10%)


Magenta (20%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7492, 0.3529, 0.3571 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 62.7492, 0.3529, 0.3571 by changing the saturation by 10% instead.


 62.7492, 0.3529,
0.3571

 62.7492, 0.3529,
0.3571


434.6587, 0.3337,
0.3440

 45.6383, 0.3574,
0.3601


 108.8076, 0.3461,
0.3525

 31.9605, 0.3631,
0.3638


138.5239, 0.3435,
0.3508

 21.3313, 0.3703,
0.3685


173.2109, 0.3413,
0.3492

 13.3664, 0.3800,
0.3747

213.2529, 0.3394,
0.3479

 7.6813, 0.3935,
0.3829

259.0342, 0.3377,
0.3468

 3.8917, 0.4134,
0.3945

310.9394, 0.3362,

 1.6132, 0.4537,

0.3457

0.4191

369.3528, 0.3349,
0.3448

0.3665, 0.5696,
0.4304

0.0000, 0.0000,
0.0000

62.7492, 0.3529,
0.3571

62.7492, 0.3529,
0.3571

56.4904, 0.3748,
0.3702

69.6011, 0.3336,
0.3443

50.7987, 0.3993,
0.3831

77.0541, 0.3167,
0.3320

45.6587, 0.4260,
0.3950

85.1267, 0.3021,
0.3206

41.0507, 0.4543,
0.4047

92.8321, 0.2975,
0.3247

■ 36.9536, 0.4828,
0.4110

■ 95.5540, 0.2975,
0.3290

■ 33.3442, 0.5097,
0.4126

■ 30.1964, 0.5332,
0.4088

■ 28.1383, 0.5482,
0.4030

Harmonies

Analogous

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



62.7492, 0.3544, 0.3412



62.7492, 0.3529, 0.3571



62.7492, 0.3404, 0.3661

Triad

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



62.7492, 0.3529, 0.3571



62.7492, 0.2820, 0.3340



62.7492, 0.3037, 0.2960

Complementary

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



62.7492, 0.3529, 0.3571



58.7954, 0.2770, 0.2991

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.



62.7492, 0.2850, 0.2934



62.7492, 0.3529, 0.3571



62.7492, 0.2728, 0.3144

Square

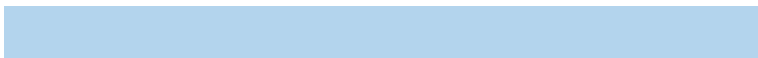
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.7492, 0.3529, 0.3571



62.7492, 0.2993, 0.3529



62.7492, 0.2739, 0.2998



62.7492, 0.3254, 0.3068

Rectangle

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



62.7492, 0.3529, 0.3571



62.7492, 0.3277, 0.3665



62.7492, 0.2739, 0.2998



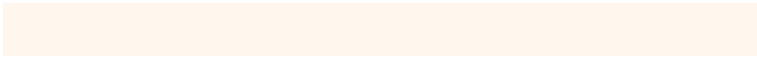
62.7492, 0.2968, 0.2942

Sweetspot

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



62.7520, 0.3529, 0.3571



93.1432, 0.3239, 0.3374



53.0938, 0.3350, 0.2982



19.8138, 0.3249, 0.3381



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.



62.7520, 0.3529, 0.3571



75.6440, 0.3626, 0.3631



75.6326, 0.3471, 0.3835



15.5082, 0.3280, 0.3404



16.1810, 0.5457, 0.4049



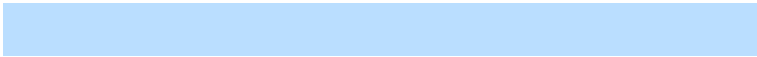
1.3810, 0.5224, 0.4234

Inverse Universe

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



58.7954, 0.2770, 0.2991



69.8279, 0.2696, 0.2923



47.7058, 0.2746, 0.2679



15.1164, 0.2981, 0.3174



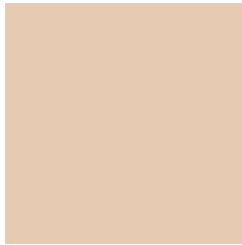
10.9744, 0.1790, 0.1643



0.9968, 0.1861, 0.1900

Previews

White Background



This preview shows how the Yxy color 62.7492, 0.3529, 0.3571 looks on a white background.

Color Contrast Check

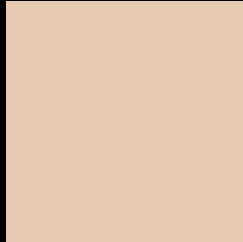
Large Text (above 18pt) WCAG AA × Fail

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 62.7492, 0.3529, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

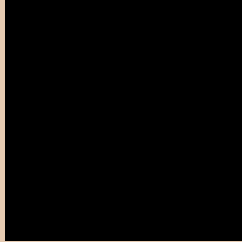
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7492, 0.3529, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 62.7492, 0.3529, 0.3571.



This preview shows how white text looks on a background with the Yxy color 62.7492, 0.3529, 0.3571.

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

62.7492, 0.3529, 0.3571

Protanopia

62.8264, 0.3408, 0.3601

Deuteranopia

62.7404, 0.3595, 0.3521



Tritanopia

62.6847, 0.3300, 0.3128

Trichromacy



Original Color

62.7492, 0.3529, 0.3571

Protanomaly

62.9269, 0.3450, 0.3598

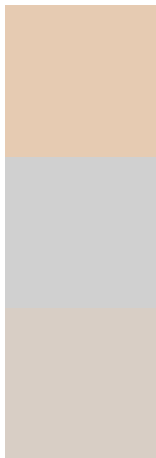
Deuteranomaly

62.6901, 0.3568, 0.3534

Tritanomaly

62.8023, 0.3389, 0.3291

Monochromacy



Original Color

62.7492, 0.3529, 0.3571

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7728, 0.3269, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7492, 0.3529, 0.3571 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(230, 203, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 203, 178)  
}
```

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(230, 203, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 203, 178) }
```

Border

The CSS property to change the border of an element to Yxy 62.7492, 0.3529, 0.3571 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(230, 203, 178) }
```

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

```
.border{ border-color:rgb(230, 203, 178) }
```

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

Here you see how a box with a 4 pixel rgb(230, 203, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 203, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 203, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 203,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7492, 0.3529, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 203, 178) }
```

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

```
.background{ background-color: rgb(230,  
203, 178) }
```

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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