

Converting Colors

$Yxy(62.0175, 0.3461, 0.3519)$

Have a look what the booklet for
Yxy(62.0175, 0.3461, 0.3519)
contains.

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Color

Yxy(62.2580, 0.3466, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	E2CBB6
RGB	226, 203, 182
RGB Percent	89%, 80%, 71%
CMY	0.1137, 0.2039, 0.2863
CMYK	0.00, 0.10, 0.19, 0.11
HSL	29°, 43%, 80%
HSV	29°, 19%, 89%
XYZ	61.1639, 62.2580, 53.0464
YIQ	207.4830, 20.4490, -1.6550

Conversions

Conversions Part 2

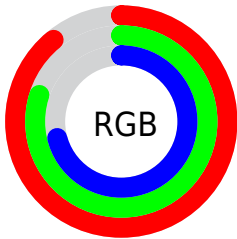
Format	Color
R _Y B	226, 222, 182
Decimal	14863286
CIE Lab	83.05, 4.73, 13.40
CIE LCh	83, 14.215, 70.555
Yxy	62.2580, 0.3466, 0.3528
Android (android.graphics.Color)	4293053366 (0xFFE2CBB6)
YUV	207.4830, -12.5631, 16.2394
Hunter-Lab	78.9037, 0.2865, 15.3724

Details

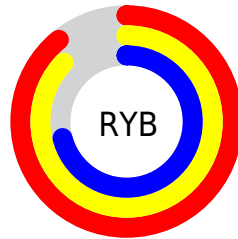
The Yxy color $62.2580, 0.3466, 0.3528$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.0965, 0.2821, 0.3040$, and the grayscale version is $62.7990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.9530, 0.3226, 0.3454$, and $31.6259, 0.3550, 0.3588$ is the 20% darker color. If you saturate the color by 10%, you get $56.0324, 0.3677, 0.3658$, and if you desaturate by 10%, it is $69.0651, 0.3281, 0.3403$.

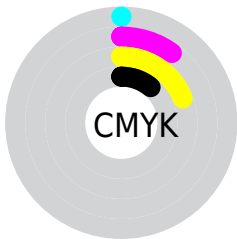
Distribution



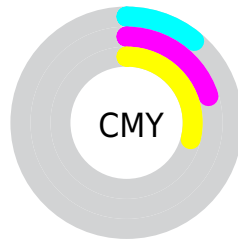
- Red (89%)
- Green (80%)
- Blue (71%)



- Red (89%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2580, 0.3466, 0.3528 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 62.2580, 0.3466, 0.3528 by changing the saturation by 10% instead.

 62.2580, 0.3466,
0.3528

 62.2580, 0.3466,
0.3528


432.8716, 0.3304,
0.3416

 45.2412, 0.3504,
0.3554


 108.0983, 0.3409,
0.3489

 31.6475, 0.3552,
0.3586


137.6906, 0.3387,
0.3474

 21.0924, 0.3614,
0.3627


172.2436, 0.3368,
0.3461

 13.1915, 0.3696,
0.3680

212.1416, 0.3352,
0.3450

 7.5606, 0.3812,
0.3753

257.7689, 0.3338,
0.3440

 3.8151, 0.3985,
0.3858

309.5101, 0.3325,

 1.5707, 0.4306,

0.3431

0.4053

367.7496, 0.3314,
0.3423

0.3377, 0.5638,
0.4362

0.0000, 0.0000,
0.0000

62.2580, 0.3466,
0.3528

62.2580, 0.3466,
0.3528

56.0324, 0.3677,
0.3658

69.0651, 0.3281,
0.3403

50.3631, 0.3915,
0.3787

76.4611, 0.3119,
0.3284

45.2356, 0.4177,
0.3909

84.4641, 0.2979,
0.3173

40.6311, 0.4457,
0.4013

91.9166, 0.2951,
0.3242

■ 36.5296, 0.4744,
0.4087

■ 94.9095, 0.2952,
0.3289

■ 32.9092, 0.5023,
0.4118

■ 29.7456, 0.5273,
0.4097

■ 27.0056, 0.5482,
0.4025

■ 26.8712, 0.5493,
0.4020

Harmonies

Analogous

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



62.2580, 0.3478, 0.3395



62.2580, 0.3466, 0.3528



62.2580, 0.3362, 0.3602

Triad

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



62.2580, 0.3466, 0.3528



62.2580, 0.2868, 0.3334



62.2580, 0.3051, 0.3010

Complementary

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



62.2580, 0.3466, 0.3528



59.0965, 0.2821, 0.3040

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.



62.2580, 0.2892, 0.2988



62.2580, 0.3466, 0.3528



62.2580, 0.2789, 0.3169

Square

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



62.2580, 0.3466, 0.3528



62.2580, 0.3015, 0.3491



62.2580, 0.2798, 0.3044



62.2580, 0.3234, 0.3101

Rectangle

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



62.2580, 0.3466, 0.3528



62.2580, 0.3255, 0.3605



62.2580, 0.2798, 0.3044



62.2580, 0.2993, 0.2994

Sweetspot

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



62.2608, 0.3466, 0.3528



94.0573, 0.3223, 0.3361



54.0542, 0.3313, 0.3027



19.9974, 0.3234, 0.3369



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.



62.2608, 0.3466, 0.3528



78.7601, 0.3541, 0.3575



73.1474, 0.3423, 0.3759



14.7746, 0.3280, 0.3402



15.5641, 0.5468, 0.4040



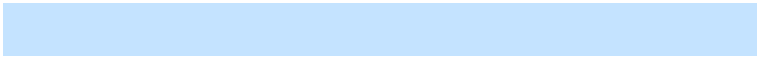
1.2573, 0.5221, 0.4237

Inverse Universe

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



59.0965, 0.2821, 0.3040



73.9419, 0.2762, 0.2986



49.4942, 0.2805, 0.2774



14.4227, 0.2981, 0.3175



10.7792, 0.1794, 0.1660



0.9262, 0.1869, 0.1929

Previews

White Background



This preview shows how the Yxy color 62.2580, 0.3466, 0.3528 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 62.2580, 0.3466, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

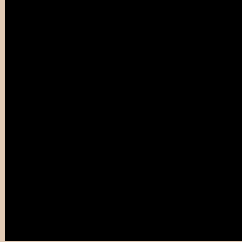
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2580, 0.3466, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 62.2580, 0.3466, 0.3528.



This preview shows how white text looks on a background with the Yxy color 62.2580, 0.3466, 0.3528.

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

62.2580, 0.3466, 0.3528

Protanopia

62.2022, 0.3364, 0.3545

Deuteranopia

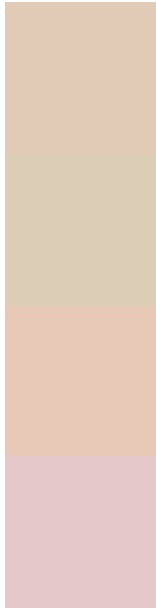
62.0986, 0.3549, 0.3467



Tritanopia

62.0662, 0.3261, 0.3116

Trichromacy



Original Color

62.2580, 0.3466, 0.3528

Protanomaly

62.2972, 0.3406, 0.3542

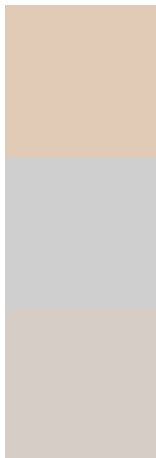
Deuteranomaly

61.8833, 0.3514, 0.3480

Tritanomaly

62.2308, 0.3342, 0.3269

Monochromacy



Original Color

62.2580, 0.3466, 0.3528

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5160, 0.3246, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2580, 0.3466, 0.3528 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(226, 203, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 182)  
}
```

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(226, 203, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 182) }
```

Border

The CSS property to change the border of an element to Yxy 62.2580, 0.3466, 0.3528 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(226, 203, 182) }
```

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

```
.border{ border-color:rgb(226, 203, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 203, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 203, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 203, 182); box-shadow:4px 4px 4px 4px rgb(226, 203, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2580, 0.3466, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 182) }
```

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

```
.background{ background-color: rgb(226,  
203, 182) }
```

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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