

Converting Colors

$Y_{xy}(57.1341, 0.3534, 0.3471)$

Have a look what the booklet for
Yxy(57.1341, 0.3534, 0.3471)
contains.

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Color

Yxy(57.0423, 0.3530, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	E2C0B1
RGB	226, 192, 177
RGB Percent	89%, 75%, 69%
CMY	0.1138, 0.2470, 0.3059
CMYK	0.00, 0.15, 0.22, 0.11
HSL	18°, 46%, 79%
HSV	18°, 22%, 89%
XYZ	58.1459, 57.0423, 49.5311
YIQ	200.4560, 25.0790, 2.5430

Conversions

Conversions Part 2

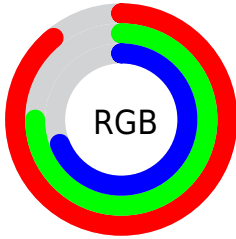
Format	Color
R _Y B	226, 199, 177
Decimal	14860465
CIE Lab	80.20, 9.78, 12.05
CIE LCh	80, 15.523, 50.929
Yxy	57.0423, 0.3530, 0.3463
Android (android.graphics.Color)	4293050545 (0xFFE2C0B1)
YUV	200.4560, -11.5638, 22.4021
Hunter-Lab	75.5264, 5.2517, 13.9853

Details

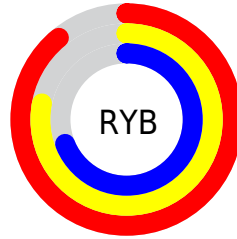
The Yxy color **57.0423, 0.3530, 0.3463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.4065, 0.2793, 0.3110**, and the grayscale version is **58.1161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2780, 0.3263, 0.3436**, and **28.4665, 0.3639, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **49.6978, 0.3771, 0.3548**, and if you desaturate by 10%, it is **65.2739, 0.3326, 0.3380**.

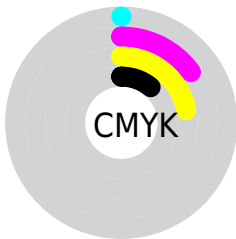
Distribution



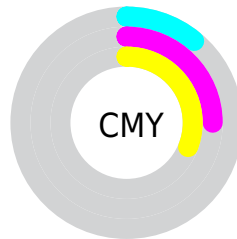
- Red (89%)
- Green (75%)
- Blue (69%)



- Red (89%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0423, 0.3530, 0.3463 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 57.0423, 0.3530, 0.3463 by changing the saturation by 10% instead.

 57.0423, 0.3530,
0.3463

 57.0423, 0.3530,
0.3463


413.6078, 0.3334,
0.3382

 41.0392, 0.3577,
0.3481

 100.5269, 0.3460,
0.3435

 28.3497, 0.3637,
0.3504


128.7772, 0.3433,
0.3424

 18.5894, 0.3715,
0.3533


161.8787, 0.3411,
0.3415

 11.3740, 0.3821,
0.3570

200.2158, 0.3391,
0.3407

 6.3190, 0.3972,
0.3619

244.1728, 0.3374,
0.3399

 3.0400, 0.4205,
0.3686

294.1342, 0.3359,

 1.1527, 0.4772,

0.3393

0.3913

350.4844, 0.3346,
0.3388

0.0225, 0.9204,
0.0796

0.0000, 0.0000,
0.0000

57.0423, 0.3530,
0.3463

57.0423, 0.3530,
0.3463

49.6978, 0.3771,
0.3548

65.2739, 0.3326,
0.3380

43.2023, 0.4052,
0.3632

74.4135, 0.3153,
0.3303

37.5267, 0.4373,
0.3708

84.4910, 0.3008,
0.3230

32.6368, 0.4726,
0.3766

94.7093, 0.2952,
0.3286

■ 28.4959, 0.5096,
0.3795

■ 94.9074, 0.2952,
0.3289

■ 25.0641, 0.5453,
0.3782

■ 22.2970, 0.5762,
0.3722

■ 20.4600, 0.5967,
0.3644

Harmonies

Analogous

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



57.0423, 0.3470, 0.3293



57.0423, 0.3530, 0.3463



57.0423, 0.3478, 0.3595

Triad

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



57.0423, 0.3530, 0.3463



57.0423, 0.2937, 0.3460



57.0423, 0.2918, 0.2951

Complementary

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



57.0423, 0.3530, 0.3463



61.4065, 0.2793, 0.3110

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.



57.0423, 0.2785, 0.2982



57.0423, 0.3530, 0.3463



57.0423, 0.2795, 0.3272

Square

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



57.0423, 0.3530, 0.3463



57.0423, 0.3133, 0.3601



57.0423, 0.2740, 0.3097



57.0423, 0.3111, 0.3004

Rectangle

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



57.0423, 0.3530, 0.3463



57.0423, 0.3388, 0.3642



57.0423, 0.2740, 0.3097



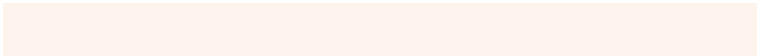
57.0423, 0.2865, 0.2951

Sweetspot

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



57.0449, 0.3530, 0.3463



91.2591, 0.3242, 0.3344



52.3227, 0.3271, 0.2907



19.3780, 0.3253, 0.3348



0.0000, 0.0000, 0.0000



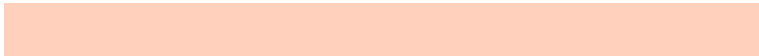
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0449, 0.3530, 0.3463



70.5364, 0.3633, 0.3501



68.5501, 0.3475, 0.3728



14.3825, 0.3284, 0.3363



11.8580, 0.5939, 0.3666



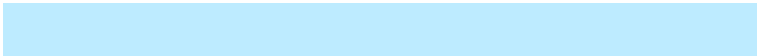
0.9770, 0.5635, 0.3907

Inverse Universe

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



61.4065, 0.2793, 0.3110



77.2288, 0.2724, 0.3068



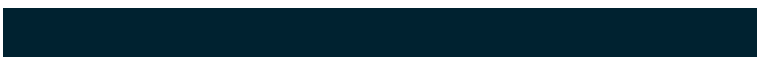
50.2851, 0.2771, 0.2811



14.8259, 0.2982, 0.3216



17.0515, 0.1962, 0.2261



1.3381, 0.2011, 0.2439

Previews

White Background



This preview shows how the Yxy color 57.0423, 0.3530, 0.3463 looks on a white background.

Color Contrast Check

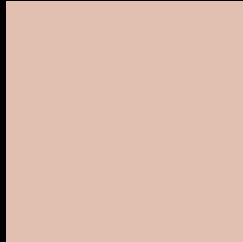
Large Text (above 18pt) WCAG AA × Fail

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 57.0423, 0.3530, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

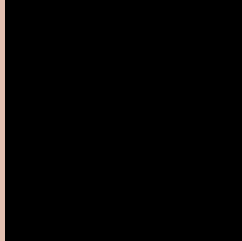
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0423, 0.3530, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 57.0423, 0.3530, 0.3463.



This preview shows how white text looks on a background with the Yxy color 57.0423, 0.3530, 0.3463.

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

57.0423, 0.3530, 0.3463

Protanopia

56.9489, 0.3335, 0.3506

Deuteranopia

57.0423, 0.3530, 0.3463



Tritanopia

56.9362, 0.3351, 0.3124

Trichromacy



Original Color

57.0423, 0.3530, 0.3463

Protanomaly

57.0307, 0.3404, 0.3491

Deuteranomaly

57.0423, 0.3530, 0.3463

Tritanomaly

56.7842, 0.3414, 0.3235

Monochromacy



Original Color

57.0423, 0.3530, 0.3463

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2936, 0.3261, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0423, 0.3530, 0.3463 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, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 177)  
}
```

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, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 177) }
```

Border

The CSS property to change the border of an element to Yxy 57.0423, 0.3530, 0.3463 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, 192, 177) }
```

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

```
.border{ border-color:rgb(226, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 192, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 192, 177); box-shadow:4px 4px 4px 4px rgb(226, 192, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0423, 0.3530, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 192, 177) }
```

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

```
.background{ background-color: rgb(226,  
192, 177) }
```

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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