

Converting Colors

Yxy(57.0824, 0.3522, 0.3451)

Have a look what the booklet for
Yxy(57.0824, 0.3522, 0.3451)
contains.

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Color

Yxy(57.0824, 0.3522, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	E2C0B2
RGB	226, 192, 178
RGB Percent	89%, 75%, 70%
CMY	0.1136, 0.2471, 0.3019
CMYK	0.00, 0.15, 0.21, 0.11
HSL	17°, 45%, 79%
HSV	17°, 21%, 89%
XYZ	58.2568, 57.0824, 50.0691
YIQ	200.5700, 24.7580, 2.8540

Conversions

Conversions Part 2

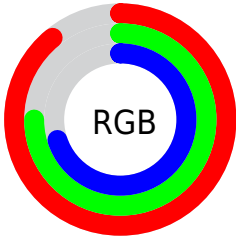
Format	Color
R _Y B	226, 198, 178
Decimal	14860466
CIE Lab	80.23, 9.96, 11.54
CIE LCh	80, 15.238, 49.202
Yxy	57.0824, 0.3522, 0.3451
Android (android.graphics.Color)	4293050546 (0xFFE2C0B2)
YUV	200.5700, -11.1270, 22.3021
Hunter-Lab	75.5529, 5.4190, 13.5954

Details

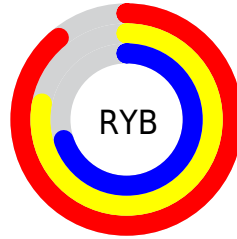
The Yxy color **57.0824, 0.3522, 0.3451** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0659, 0.2800, 0.3123**, and the grayscale version is **58.1905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3353, 0.3257, 0.3426**, and **28.4920, 0.3628, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **49.5947, 0.3763, 0.3532**, and if you desaturate by 10%, it is **65.4906, 0.3318, 0.3373**.

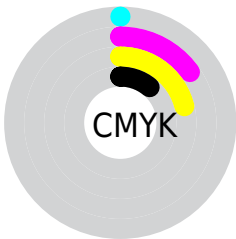
Distribution



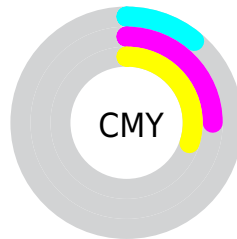
- Red (89%)
- Green (75%)
- Blue (70%)



- Red (89%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0824, 0.3522, 0.3451 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 57.0824, 0.3522, 0.3451 by changing the saturation by 10% instead.


 57.0824, 0.3522,
0.3451

 57.0824, 0.3522,
0.3451


413.7580, 0.3330,
0.3376

 41.0714, 0.3568,
0.3468

 100.5854, 0.3453,
0.3425

 28.3749, 0.3627,
0.3489


128.8462, 0.3427,
0.3415

 18.6084, 0.3703,
0.3516


161.9591, 0.3405,
0.3406

 11.3877, 0.3807,
0.3550

200.3084, 0.3386,
0.3399

 6.3282, 0.3956,
0.3595

244.2785, 0.3369,
0.3392

 3.0457, 0.4184,
0.3657

294.2539, 0.3354,

 1.1556, 0.4722,

0.3386

350.6189, 0.3341,
0.3381

0.3856

0.0250, 0.9143,
0.0857

0.0000, 0.0000,
0.0000

57.0824, 0.3522,
0.3451

57.0824, 0.3522,
0.3451

49.5947, 0.3763,
0.3532

65.4906, 0.3318,
0.3373

42.9880, 0.4046,
0.3612

74.8416, 0.3147,
0.3299

37.2312, 0.4370,
0.3684

85.1667, 0.3003,
0.3231

32.2884, 0.4729,
0.3740

94.9136, 0.2952,
0.3289

■ 28.1212, 0.5105,
0.3767

■ 24.6874, 0.5470,
0.3755

■ 21.9403, 0.5787,
0.3695

■ 20.0513, 0.6005,
0.3614

Harmonies

Analogous

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



57.0824, 0.3457, 0.3283



57.0824, 0.3522, 0.3451



57.0824, 0.3477, 0.3584

Triad

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



57.0824, 0.3522, 0.3451



57.0824, 0.2951, 0.3466



57.0824, 0.2913, 0.2956

Complementary

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



57.0824, 0.3522, 0.3451



62.0659, 0.2800, 0.3123

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.



57.0824, 0.2786, 0.2992



57.0824, 0.3522, 0.3451



57.0824, 0.2807, 0.3284

Square

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



57.0824, 0.3522, 0.3451



57.0824, 0.3144, 0.3600



57.0824, 0.2748, 0.3110



57.0824, 0.3100, 0.3004

Rectangle

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



57.0824, 0.3522, 0.3451



57.0824, 0.3393, 0.3633



57.0824, 0.2748, 0.3110



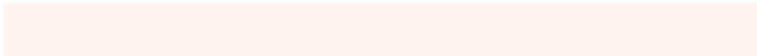
57.0824, 0.2862, 0.2959

Sweetspot

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



57.0850, 0.3522, 0.3451



92.3291, 0.3225, 0.3334



52.7914, 0.3261, 0.2906



19.5895, 0.3236, 0.3338



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.



57.0850, 0.3522, 0.3451



71.0367, 0.3612, 0.3483



68.3079, 0.3469, 0.3710



14.3477, 0.3285, 0.3359



11.6140, 0.5977, 0.3636



0.9565, 0.5672, 0.3878

Inverse Universe

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



62.0659, 0.2800, 0.3123



78.5680, 0.2741, 0.3089



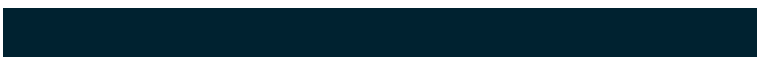
51.1005, 0.2780, 0.2832



14.8626, 0.2982, 0.3220



17.7236, 0.1977, 0.2316



1.3806, 0.2023, 0.2484

Previews

White Background



This preview shows how the Yxy color 57.0824, 0.3522, 0.3451 looks on a white background.

Color Contrast Check

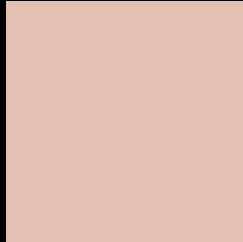
Large Text (above 18pt) WCAG AA × Fail

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 57.0824, 0.3522, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

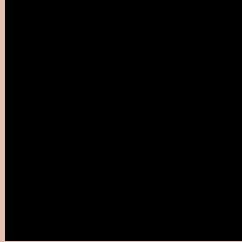
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0824, 0.3522, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 57.0824, 0.3522, 0.3451.



This preview shows how white text looks on a background with the Yxy color 57.0824, 0.3522, 0.3451.

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

57.0824, 0.3522, 0.3451

Protanopia

56.9898, 0.3327, 0.3494

Deuteranopia

57.0824, 0.3522, 0.3451



Tritanopia

56.9362, 0.3351, 0.3124

Trichromacy



Original Color

57.0824, 0.3522, 0.3451

Protanomaly

57.0713, 0.3396, 0.3479

Deuteranomaly

57.0824, 0.3522, 0.3451

Tritanomaly

56.7842, 0.3414, 0.3235

Monochromacy



Original Color

57.0824, 0.3522, 0.3451

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9401, 0.3260, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0824, 0.3522, 0.3451 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 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(226, 192, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 178) }
```

Border

The CSS property to change the border of an element to Yxy 57.0824, 0.3522, 0.3451 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, 178) }
```

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

```
.border{ border-color:rgb(226, 192, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 192, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 192, 178);  
box-shadow:4px 4px 4px 4px rgb(226, 192,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0824, 0.3522, 0.3451 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, 178) }
```

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

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