

Converting Colors

$Yxy(57.0795, 0.3481, 0.3316)$

Have a look what the booklet for
Yxy(57.0795, 0.3481, 0.3316)
contains.

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Color

Yxy(57.2378, 0.3486, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	E6BEBB
RGB	230, 190, 187
RGB Percent	90%, 75%, 73%
CMY	0.0981, 0.2548, 0.2667
CMYK	0.00, 0.17, 0.19, 0.10
HSL	4°, 46%, 82%
HSV	4°, 19%, 90%
XYZ	60.0093, 57.2378, 54.8966
YIQ	201.6180, 24.8030, 7.5470

Conversions

Conversions Part 2

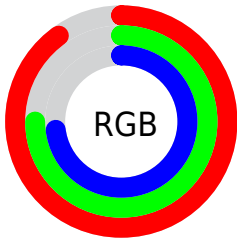
Format	Color
R _Y B	230, 190, 187
Decimal	15122107
CIE Lab	80.31, 13.80, 6.88
CIE LCh	80, 15.416, 26.490
Yxy	57.2378, 0.3486, 0.3325
Android (android.graphics.Color)	4293312187 (0xFFE6BEBB)
YUV	201.6180, -7.2067, 24.8910
Hunter-Lab	75.6557, 9.1870, 9.9374

Details

The Yxy color **57.2378, 0.3486, 0.3325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1890, 0.2845, 0.3255**, and the grayscale version is **58.8465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6426, 0.3203, 0.3319**, and **28.6112, 0.3580, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **47.7392, 0.3745, 0.3345**, and if you desaturate by 10%, it is **68.2581, 0.3276, 0.3306**.

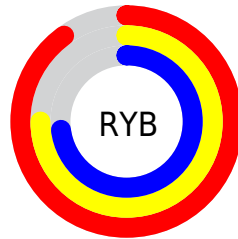
Distribution



Red (90%)

Green (75%)

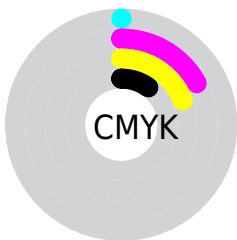
Blue (73%)



Red (90%)

Yellow (75%)

Blue (73%)

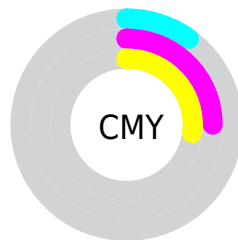


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (10%)



Cyan (10%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2378, 0.3486, 0.3325 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 57.2378, 0.3486, 0.3325 by changing the saturation by 10% instead.

 57.2378, 0.3486,
0.3325

 57.2378, 0.3486,
0.3325


414.3398, 0.3311,
0.3310

 41.1962, 0.3528,
0.3328


 100.8121, 0.3424,
0.3320

 28.4724, 0.3581,
0.3331


129.1136, 0.3400,
0.3318

 18.6821, 0.3651,
0.3335


162.2704, 0.3380,
0.3317

 11.4408, 0.3745,
0.3338

200.6671, 0.3362,
0.3315

 6.3641, 0.3881,
0.3342

244.6880, 0.3347,
0.3314

 3.0677, 0.4092,
0.3341

294.7175, 0.3334,

 1.1672, 0.4479,

0.3313

0.3339

351.1399, 0.3322,
0.3311

0.0347, 0.9143,
0.0857

0.0000, 0.0000,
0.0000

57.2378, 0.3486,
0.3325

57.2378, 0.3486,
0.3325

47.7392, 0.3745,
0.3345

68.2581, 0.3276,
0.3306

39.6880, 0.4062,
0.3365

80.8545, 0.3107,
0.3288

33.0156, 0.4441,
0.3383

95.0247, 0.2975,
0.3281

27.6445, 0.4876,
0.3396

95.5585, 0.2975,
0.3290

■ 23.4897, 0.5339,
0.3399

■ 20.4560, 0.5780,
0.3389

■ 18.4341, 0.6130,
0.3365

■ 17.2897, 0.6340,
0.3334

■ 17.1938, 0.6360,
0.3332

Harmonies

Analogous

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



57.2378, 0.3347, 0.3157



57.2378, 0.3486, 0.3325



57.2378, 0.3526, 0.3490

Triad

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



57.2378, 0.3486, 0.3325



57.2378, 0.3095, 0.3578



57.2378, 0.2806, 0.2972

Complementary

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



57.2378, 0.3486, 0.3325



71.1890, 0.2845, 0.3255

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.



57.2378, 0.2744, 0.3072



57.2378, 0.3486, 0.3325



57.2378, 0.2907, 0.3426

Square

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



57.2378, 0.3486, 0.3325



57.2378, 0.3295, 0.3645



57.2378, 0.2781, 0.3238



57.2378, 0.2952, 0.2957

Rectangle

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



57.2378, 0.3486, 0.3325



57.2378, 0.3490, 0.3578



57.2378, 0.2781, 0.3238



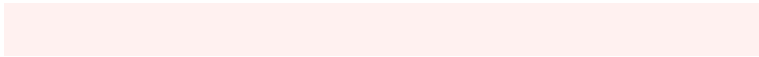
57.2378, 0.2775, 0.2997

Sweetspot

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



57.2404, 0.3486, 0.3325



90.3109, 0.3228, 0.3301



57.9101, 0.3171, 0.2857



19.1140, 0.3239, 0.3302



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.



57.2404, 0.3486, 0.3325



68.0158, 0.3569, 0.3332



67.1690, 0.3443, 0.3560



14.5297, 0.3291, 0.3307



9.8005, 0.6347, 0.3342



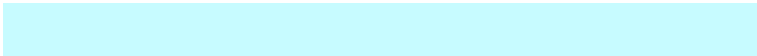
0.7816, 0.6206, 0.3454

Inverse Universe

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



71.1890, 0.2845, 0.3255



88.3795, 0.2796, 0.3248



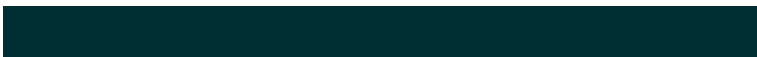
60.2361, 0.2831, 0.3005



16.1539, 0.2982, 0.3273



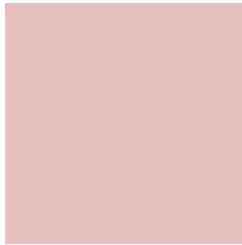
30.4922, 0.2186, 0.3070



2.3055, 0.2196, 0.3104

Previews

White Background



This preview shows how the Yxy color 57.2378, 0.3486, 0.3325 looks on a white background.

Color Contrast Check

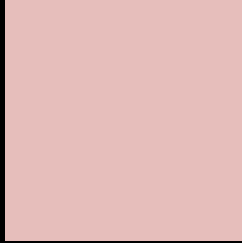
Large Text (above 18pt) WCAG AA × Fail

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 57.2378, 0.3486, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

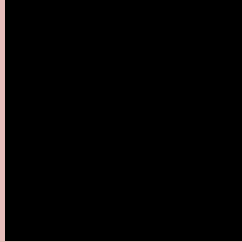
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2378, 0.3486, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 57.2378, 0.3486, 0.3325.

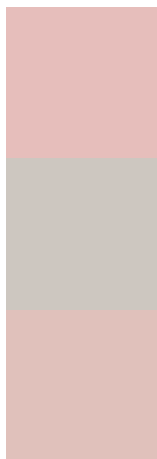


This preview shows how white text looks on a background with the Yxy color 57.2378, 0.3486, 0.3325.

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

57.2378, 0.3486, 0.3325

Protanopia

57.6318, 0.3226, 0.3374

Deuteranopia

57.5751, 0.3430, 0.3359



Tritanopia

57.3865, 0.3384, 0.3136

Trichromacy



Original Color

57.2378, 0.3486, 0.3325

Protanomaly

57.4937, 0.3318, 0.3361

Deuteranomaly

57.4559, 0.3448, 0.3348

Tritanomaly

57.4153, 0.3415, 0.3202

Monochromacy



Original Color

57.2378, 0.3486, 0.3325

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4164, 0.3246, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2378, 0.3486, 0.3325 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, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 187)  
}
```

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, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 187) }
```

Border

The CSS property to change the border of an element to Yxy 57.2378, 0.3486, 0.3325 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, 190, 187) }
```

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

```
.border{ border-color:rgb(230, 190, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 187);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
187) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.2378, 0.3486, 0.3325$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 187) }
```

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

```
.background{ background-color: rgb(230,  
190, 187) }
```

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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