

Converting Colors

$Yxy(57.4708, 0.3287, 0.3457)$

Have a look what the booklet for
Yxy(57.4708, 0.3287, 0.3457)
contains.

Yxy(57.4714, 0.3287, 0.3458)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4714, 0.3287, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	CEC7B9
RGB	206, 199, 185
RGB Percent	81%, 78%, 73%
CMY	0.1922, 0.2196, 0.2746
CMYK	0.00, 0.03, 0.10, 0.19
HSL	40°, 18%, 77%
HSV	40°, 10%, 81%
XYZ	54.6294, 57.4714, 54.0976
YIQ	199.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

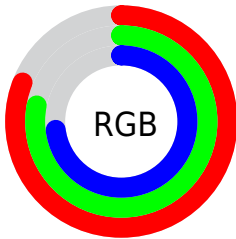
Format	Color
R_{YB}	196, 206, 185
Decimal	13551545
CIE _{Lab}	80.44, 0.01, 7.88
CIE _{LCh}	80, 7.878, 89.916
Yxy	57.4714, 0.3287, 0.3458
Android (android.graphics.Color)	4291741625 (0xFFCEC7B9)
YUV	199.4970, -7.1470, 5.7031
Hunter-Lab	75.8099, -4.0383, 10.7579

Details

The Yxy color **57.4714, 0.3287, 0.3458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4456, 0.2970, 0.3116**, and the grayscale version is **57.4738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **28.5921, 0.3332, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **53.5883, 0.3460, 0.3630**, and if you desaturate by 10%, it is **61.6271, 0.3130, 0.3293**.

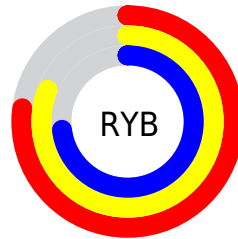
Distribution



Red (81%)

Green (78%)

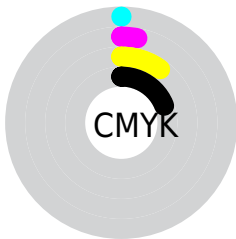
Blue (73%)



Red (77%)

Yellow (81%)

Blue (73%)

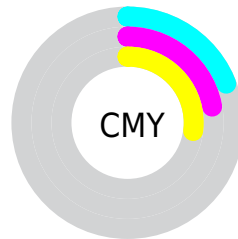


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (22%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4714, 0.3287, 0.3458 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 57.4714, 0.3287, 0.3458 by changing the saturation by 10% instead.


 57.4714, 0.3287,
0.3458

 57.4714, 0.3287,
0.3458


415.2134, 0.3210,
0.3377

 41.3838, 0.3305,
0.3477


 101.1527, 0.3260,
0.3429

 28.6191, 0.3329,
0.3502

129.5152, 0.3249,
0.3418

 18.7929, 0.3359,
0.3534


162.7382, 0.3240,
0.3409

 11.5207, 0.3400,
0.3577

201.2060, 0.3232,
0.3401

 6.4182, 0.3458,
0.3638

245.3030, 0.3226,
0.3394

 3.1010, 0.3548,
0.3732

295.4136, 0.3220,

 1.1847, 0.3731,

0.3387

0.3924

351.9223, 0.3215,
0.3382

0.0492, 0.4888,
0.5112

0.0000, 0.0000,
0.0000

57.4714, 0.3287,
0.3458

57.4714, 0.3287,
0.3458

53.5883, 0.3460,
0.3630

61.6271, 0.3130,
0.3293

49.9631, 0.3648,
0.3806

66.0547, 0.2989,
0.3138

46.5905, 0.3849,
0.3980

70.7633, 0.2863,
0.2994

43.4624, 0.4058,
0.4144

74.9366, 0.2820,
0.2985

■ 40.5700, 0.4268,
0.4287

■ 78.7398, 0.2824,
0.3059

■ 37.9037, 0.4470,
0.4398

■ 82.6931, 0.2829,
0.3132

■ 35.4527, 0.4654,
0.4467

■ 86.7983, 0.2833,
0.3205

■ 33.2045, 0.4810,
0.4487

■ 91.0570, 0.2837,
0.3276

■ 31.1778, 0.4936,
0.4463

■ 91.8604, 0.2838,
0.3289

Harmonies

Analogous

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



57.4714, 0.3328, 0.3403



57.4714, 0.3287, 0.3458



57.4714, 0.3203, 0.3468

Triad

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



57.4714, 0.3287, 0.3458



57.4714, 0.2944, 0.3255



57.4714, 0.3152, 0.3158

Complementary

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



57.4714, 0.3287, 0.3458



52.4456, 0.2970, 0.3116

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.



57.4714, 0.3049, 0.3119



57.4714, 0.3287, 0.3458



57.4714, 0.2930, 0.3173

Square

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



57.4714, 0.3287, 0.3458



57.4714, 0.3005, 0.3349



57.4714, 0.2969, 0.3124



57.4714, 0.3249, 0.3231

Rectangle

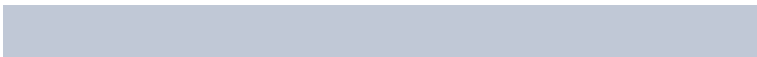
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4714, 0.3287, 0.3458



57.4714, 0.3135, 0.3446



57.4714, 0.2969, 0.3124



57.4714, 0.3117, 0.3141

Sweetspot

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



57.4739, 0.3287, 0.3458



97.9068, 0.3173, 0.3339



51.6123, 0.3249, 0.3206



20.8378, 0.3185, 0.3352



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.



57.4739, 0.3287, 0.3458



91.8704, 0.3319, 0.3491



60.2642, 0.3250, 0.3541



12.4445, 0.3274, 0.3444



19.3848, 0.4922, 0.4474



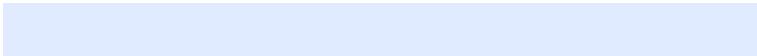
1.1357, 0.4745, 0.4614

Inverse Universe

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



52.4456, 0.2970, 0.3116



82.2974, 0.2938, 0.3081



49.8948, 0.2997, 0.3030



11.4425, 0.2983, 0.3131



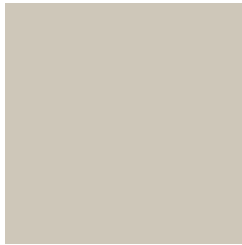
5.4806, 0.1636, 0.1090



0.4219, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 57.4714, 0.3287, 0.3458 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 57.4714, 0.3287, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

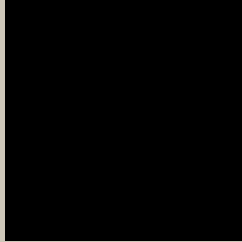
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

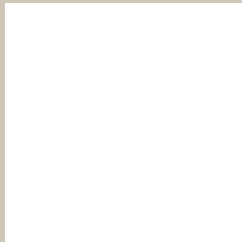
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4714, 0.3287, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 57.4714, 0.3287, 0.3458.

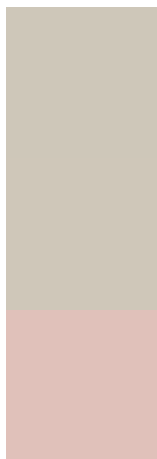


This preview shows how white text looks on a background with the Yxy color 57.4714, 0.3287, 0.3458.

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

57.4714, 0.3287, 0.3458

Protanopia

57.6150, 0.3295, 0.3457

Deuteranopia

57.5324, 0.3438, 0.3371



Tritanopia

57.4350, 0.3128, 0.3105

Trichromacy



Original Color

57.4714, 0.3287, 0.3458

Protanomaly

57.6150, 0.3295, 0.3457

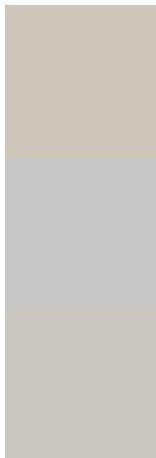
Deuteranomaly

57.3271, 0.3376, 0.3395

Tritanomaly

57.2994, 0.3186, 0.3220

Monochromacy



Original Color

57.4714, 0.3287, 0.3458

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2984, 0.3187, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4714, 0.3287, 0.3458 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(206, 199, 185)` looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 185)  
}
```

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(206, 199, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 185) }
```

Border

The CSS property to change the border of an element to Yxy 57.4714, 0.3287, 0.3458 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(206, 199, 185) }
```

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

```
.border{ border-color:rgb(206, 199, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 199, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 199, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 199, 185);  
box-shadow:4px 4px 4px 4px rgb(206, 199,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4714, 0.3287, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 185) }
```

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

```
.background{ background-color: rgb(206,  
199, 185) }
```

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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