

Converting Colors

$Yxy(59.9203, 0.3259, 0.3498)$

Have a look what the booklet for
Yxy(59.9203, 0.3259, 0.3498)
contains.

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Color

Yxy(59.7527, 0.3258, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	CDCCBB
RGB	205, 204, 187
RGB Percent	80%, 80%, 73%
CMY	0.1959, 0.2000, 0.2666
CMYK	0.00, 0.01, 0.09, 0.20
HSL	56°, 15%, 77%
HSV	56°, 9%, 80%
XYZ	55.7487, 59.7527, 55.6118
YIQ	202.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

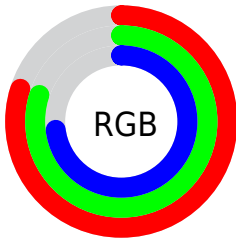
Format	Color
R _{YB}	188, 205, 187
Decimal	13487291
CIE Lab	81.70, -2.60, 8.58
CIE LCh	82, 8.969, 106.835
Yxy	59.7527, 0.3258, 0.3492
Android (android.graphics.Color)	4291677371 (0xFFCDDCBB)
YUV	202.3610, -7.5730, 2.3144
Hunter-Lab	77.2999, -6.5406, 11.4550

Details

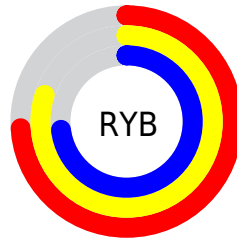
The Yxy color **59.7527, 0.3258, 0.3492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9674, 0.2992, 0.3080**, and the grayscale version is **59.3504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **30.1132, 0.3292, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **58.3721, 0.3412, 0.3728**, and if you desaturate by 10%, it is **61.2683, 0.3110, 0.3263**.

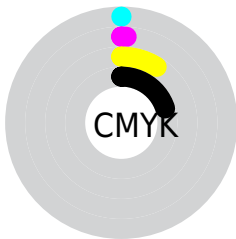
Distribution



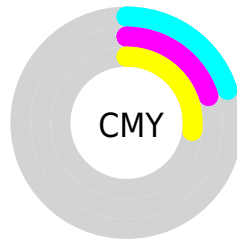
- Red (80%)
- Green (80%)
- Blue (73%)



- Red (74%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7527, 0.3258, 0.3492 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 59.7527, 0.3258, 0.3492 by changing the saturation by 10% instead.

■ 59.7527, 0.3258,
0.3492

■ 59.7527, 0.3258,
0.3492

423.6856, 0.3196,
0.3395

■ 43.2193, 0.3273,
0.3515

■ 104.4708, 0.3236,
0.3457

■ 30.0572, 0.3291,
0.3545

133.4244, 0.3227,
0.3444

■ 19.8820, 0.3315,
0.3583

167.2868, 0.3220,
0.3433

■ 12.3093, 0.3347,
0.3634

206.4425, 0.3214,
0.3423

■ 6.9547, 0.3392,
0.3708

251.2758, 0.3208,
0.3415

■ 3.4338, 0.3460,
0.3820

302.1712, 0.3204,

■ 1.3622, 0.3581,

0.3407

0.4024

359.5130, 0.3199,
0.3401

0.1886, 0.3805,
0.6195

0.0000, 0.0000,
0.0000

59.7527, 0.3258,
0.3492

59.7527, 0.3258,
0.3492

58.3721, 0.3412,
0.3728

61.2683, 0.3110,
0.3263

57.1134, 0.3569,
0.3966

62.9160, 0.2970,
0.3045

55.9735, 0.3723,
0.4196

64.7031, 0.2840,
0.2842

54.9462, 0.3870,
0.4410

65.6977, 0.2802,
0.2790

■ 54.0250, 0.4001,
0.4599

■ 66.2864, 0.2803,
0.2803

■ 53.2022, 0.4113,
0.4753

■ 66.8794, 0.2804,
0.2816

■ 52.4695, 0.4200,
0.4866

■ 67.4769, 0.2804,
0.2830

■ 51.8170, 0.4260,
0.4935

■ 68.0788, 0.2805,
0.2843

■ 51.2286, 0.4296,
0.4965

■ 68.6852, 0.2806,
0.2856

Harmonies

Analogous

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



59.7527, 0.3334, 0.3457



59.7527, 0.3258, 0.3492



59.7527, 0.3148, 0.3471

Triad

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



59.7527, 0.3258, 0.3492



59.7527, 0.2906, 0.3195



59.7527, 0.3219, 0.3185

Complementary

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



59.7527, 0.3258, 0.3492



50.9674, 0.2992, 0.3080

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.



59.7527, 0.3103, 0.3118



59.7527, 0.3258, 0.3492



59.7527, 0.2924, 0.3121

Square

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



59.7527, 0.3258, 0.3492



59.7527, 0.2946, 0.3297



59.7527, 0.2995, 0.3094



59.7527, 0.3312, 0.3280

Rectangle

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



59.7527, 0.3258, 0.3492



59.7527, 0.3070, 0.3428



59.7527, 0.2995, 0.3094



59.7527, 0.3182, 0.3158

Sweetspot

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



59.7553, 0.3258, 0.3492



99.2325, 0.3172, 0.3359



52.1688, 0.3269, 0.3276



21.1967, 0.3184, 0.3378



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.



59.7553, 0.3258, 0.3492



97.2832, 0.3294, 0.3547



59.1731, 0.3195, 0.3508



12.9801, 0.3267, 0.3506



31.8825, 0.4298, 0.4969



1.6797, 0.4276, 0.4987

Inverse Universe

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



50.9674, 0.2992, 0.3080



79.3532, 0.2953, 0.3019



51.5320, 0.3054, 0.3071



10.9473, 0.2982, 0.3065



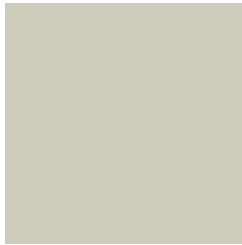
2.9540, 0.1512, 0.0641



0.1900, 0.1550, 0.0779

Previews

White Background



This preview shows how the Yxy color 59.7527, 0.3258, 0.3492 looks on a white background.

Color Contrast Check

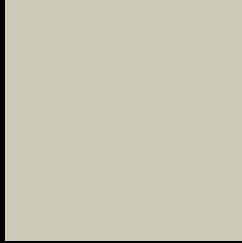
Large Text (above 18pt) WCAG AA × Fail

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 59.7527, 0.3258, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

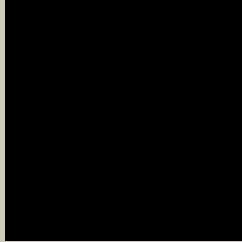
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

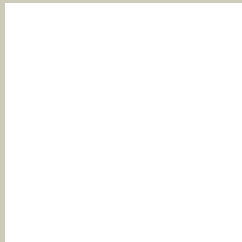
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7527, 0.3258, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 59.7527, 0.3258, 0.3492.



This preview shows how white text looks on a background with the Yxy color 59.7527, 0.3258, 0.3492.

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

59.7527, 0.3258, 0.3492

Protanopia

59.6351, 0.3316, 0.3478

Deuteranopia

59.6480, 0.3442, 0.3370



Tritanopia

59.8217, 0.3082, 0.3107

Trichromacy



Original Color

59.7527, 0.3258, 0.3492

Protanomaly

59.8124, 0.3298, 0.3491

Deuteranomaly

59.6933, 0.3378, 0.3417

Tritanomaly

59.5910, 0.3153, 0.3244

Monochromacy



Original Color

59.7527, 0.3258, 0.3492

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4396, 0.3170, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7527, 0.3258, 0.3492 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(205, 204, 187)` looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 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(205, 204, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 187) }
```

Border

The CSS property to change the border of an element to Yxy 59.7527, 0.3258, 0.3492 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(205, 204, 187) }
```

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

```
.border{ border-color:rgb(205, 204, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 204, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 187);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7527, 0.3258, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 187) }
```

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

```
.background{ background-color: rgb(205,  
204, 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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