

Converting Colors

$Yxy(58.3403, 0.3261, 0.3457)$

Have a look what the booklet for
Yxy(58.3403, 0.3261, 0.3457)
contains.

Yxy(58.3403, 0.3261, 0.3457)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.3403, 0.3261, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	CDC9BB
RGB	205, 201, 187
RGB Percent	80%, 79%, 73%
CMY	0.1961, 0.2117, 0.2666
CMYK	0.00, 0.02, 0.09, 0.20
HSL	47°, 15%, 77%
HSV	47°, 9%, 80%
XYZ	55.0326, 58.3403, 55.3870
YIQ	200.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

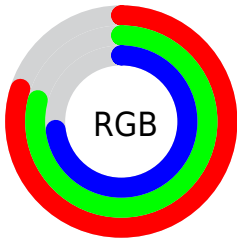
Format	Color
RYB	192, 205, 187
Decimal	13486523
CIELab	80.93, -1.05, 7.46
CIELCh	81, 7.537, 98.029
Yxy	58.3403, 0.3261, 0.3457
Android (android.graphics.Color)	4291676603 (0xFFCDC9BB)
YUV	200.6000, -6.7048, 3.8588
Hunter-Lab	76.3808, -5.0567, 10.4729

Details

The Yxy color $58.3403, 0.3261, 0.3457$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.2397, 0.2993, 0.3117$, and the grayscale version is $58.1886, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.2511, 0.3197, 0.3405$, and $29.1680, 0.3297, 0.3497$ is the 20% darker color. If you saturate the color by 10%, you get $55.4390, 0.3425, 0.3655$, and if you desaturate by 10%, it is $61.4347, 0.3109, 0.3267$.

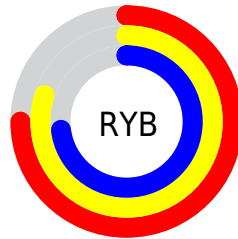
Distribution



Red (80%)

Green (79%)

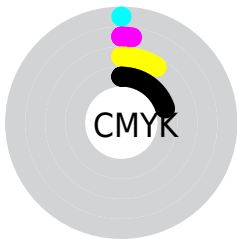
Blue (73%)



Red (75%)

Yellow (80%)

Blue (73%)

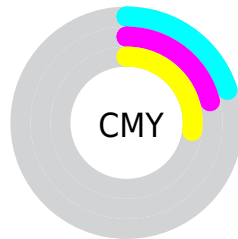


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3403, 0.3261, 0.3457 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 58.3403, 0.3261, 0.3457 by changing the saturation by 10% instead.

■ 58.3403, 0.3261,
0.3457

■ 58.3403, 0.3261,
0.3457

418.4528, 0.3197,
0.3376

■ 42.0823, 0.3276,
0.3476

■ 102.4182, 0.3238,
0.3428

■ 29.1657, 0.3296,
0.3501

131.0070, 0.3229,
0.3417

■ 19.2062, 0.3321,
0.3532

164.4747, 0.3222,
0.3408

■ 11.8194, 0.3354,
0.3575

203.2059, 0.3216,
0.3400

■ 6.6208, 0.3402,
0.3636

247.5849, 0.3210,
0.3393

■ 3.2261, 0.3476,
0.3730

297.9961, 0.3205,

■ 1.2509, 0.3612,

0.3387

354.8240, 0.3201,
0.3381

0.3905

0.1027, 0.4118,
0.5882

0.0000, 0.0000,
0.0000

58.3403, 0.3261,
0.3457

58.3403, 0.3261,
0.3457

55.4390, 0.3425,
0.3655

61.4347, 0.3109,
0.3267

52.7174, 0.3599,
0.3856

64.7201, 0.2970,
0.3088

50.1717, 0.3779,
0.4055

68.2042, 0.2844,
0.2921

47.7954, 0.3961,
0.4242

70.9557, 0.2809,
0.2905

45.5812, 0.4137,
0.4408

73.3618, 0.2812,
0.2955

43.5211, 0.4300,
0.4543

75.8331, 0.2815,
0.3005

41.6061, 0.4441,
0.4637

78.3701, 0.2818,
0.3054

39.8257, 0.4555,
0.4685

80.9734, 0.2821,
0.3103

38.1634, 0.4642,
0.4689

83.6433, 0.2824,
0.3152

Harmonies

Analogous

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



58.3403, 0.3313, 0.3416



58.3403, 0.3261, 0.3457



58.3403, 0.3174, 0.3453

Triad

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



58.3403, 0.3261, 0.3457



58.3403, 0.2944, 0.3233



58.3403, 0.3178, 0.3181

Complementary

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



58.3403, 0.3261, 0.3457



52.2397, 0.2993, 0.3117

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.



58.3403, 0.3078, 0.3133



58.3403, 0.3261, 0.3457



58.3403, 0.2945, 0.3162

Square

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



58.3403, 0.3261, 0.3457



58.3403, 0.2992, 0.3322



58.3403, 0.2994, 0.3126



58.3403, 0.3264, 0.3257

Rectangle

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



58.3403, 0.3261, 0.3457



58.3403, 0.3108, 0.3424



58.3403, 0.2994, 0.3126



58.3403, 0.3145, 0.3161

Sweetspot

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



58.3429, 0.3261, 0.3457



98.4399, 0.3172, 0.3347



52.2998, 0.3245, 0.3240



20.9820, 0.3185, 0.3362



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.



58.3429, 0.3261, 0.3457



94.4201, 0.3299, 0.3503



59.5528, 0.3219, 0.3506



12.6583, 0.3271, 0.3469



23.7829, 0.4644, 0.4695



1.3338, 0.4539, 0.4778

Inverse Universe

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



52.2397, 0.2993, 0.3117



81.9156, 0.2954, 0.3067



51.1407, 0.3031, 0.3070



11.2406, 0.2983, 0.3104



4.0511, 0.1568, 0.0846



0.3256, 0.1673, 0.1221

Previews

White Background



This preview shows how the Yxy color 58.3403, 0.3261, 0.3457 looks on a white background.

Color Contrast Check

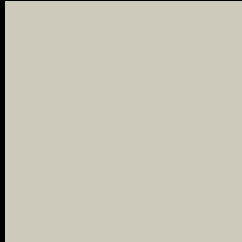
Large Text (above 18pt) WCAG AA × Fail

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 58.3403, 0.3261, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

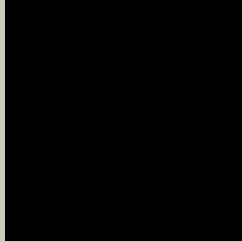
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

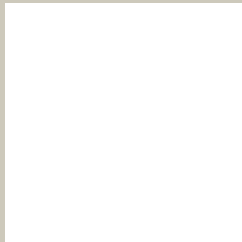
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3403, 0.3261, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 58.3403, 0.3261, 0.3457.



This preview shows how white text looks on a background with the Yxy color 58.3403, 0.3261, 0.3457.

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

58.3403, 0.3261, 0.3457

Protanopia

58.3063, 0.3287, 0.3444

Deuteranopia

58.2220, 0.3428, 0.3359



Tritanopia

58.2919, 0.3105, 0.3106

Trichromacy



Original Color

58.3403, 0.3261, 0.3457

Protanomaly

58.1618, 0.3279, 0.3445

Deuteranomaly

58.4688, 0.3365, 0.3395

Tritanomaly

58.1577, 0.3162, 0.3220

Monochromacy



Original Color

58.3403, 0.3261, 0.3457

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3154, 0.3171, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3403, 0.3261, 0.3457 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, 201, 187)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 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, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 187) }
```

Border

The CSS property to change the border of an element to Yxy 58.3403, 0.3261, 0.3457 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, 201, 187) }
```

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

```
.border{ border-color:rgb(205, 201, 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, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 187);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3403, 0.3261, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 187) }
```

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

```
.background{ background-color: rgb(205,  
201, 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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