

Converting Colors

$Yxy(58.8195, 0.3325, 0.3365)$

Have a look what the booklet for
Yxy(58.8195, 0.3325, 0.3365)
contains.

Yxy(58.9015, 0.3332, 0.3371)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.9015, 0.3332, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	D9C6BF
RGB	217, 198, 191
RGB Percent	85%, 78%, 75%
CMY	0.1489, 0.2235, 0.2509
CMYK	0.00, 0.09, 0.12, 0.15
HSL	16°, 25%, 80%
HSV	16°, 12%, 85%
XYZ	58.2201, 58.9015, 57.6085
YIQ	202.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

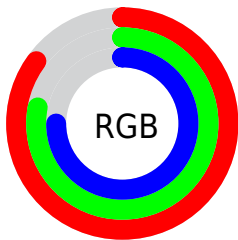
Format	Color
R _Y B	217, 201, 191
Decimal	14272191
CIE Lab	81.24, 5.51, 5.89
CIE LCh	81, 8.064, 46.926
Yxy	58.9015, 0.3332, 0.3371
Android (android.graphics.Color)	4292462271 (0xFFD9C6BF)
YUV	202.8830, -5.8583, 12.3806
Hunter-Lab	76.7473, 1.1012, 9.2185

Details

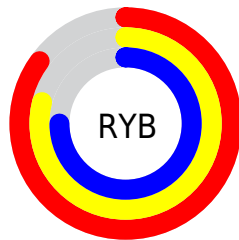
The Yxy color **58.9015, 0.3332, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2116, 0.2943, 0.3208**, and the grayscale version is **59.6786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **29.4629, 0.3382, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **51.1327, 0.3540, 0.3443**, and if you desaturate by 10%, it is **67.5788, 0.3158, 0.3303**.

Distribution



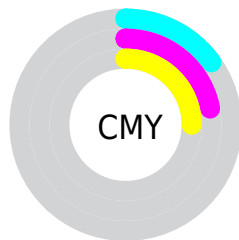
- Red (85%)
- Green (78%)
- Blue (75%)



- Red (85%)
- Yellow (79%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9015, 0.3332, 0.3371 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 58.9015, 0.3332, 0.3371 by changing the saturation by 10% instead.


 58.9015, 0.3332,
0.3371

 58.9015, 0.3332,
0.3371

420.5368, 0.3233,
0.3333

 42.5338, 0.3356,
0.3380


 103.2345, 0.3297,
0.3358

 29.5195, 0.3386,
0.3391


131.9686, 0.3283,
0.3353

 19.4742, 0.3424,
0.3405


165.5937, 0.3272,
0.3348

 12.0134, 0.3477,
0.3424

204.4940, 0.3262,
0.3344

 6.7528, 0.3552,
0.3450

249.0542, 0.3253,
0.3341

 3.3080, 0.3668,
0.3487

299.6584, 0.3246,

 1.2946, 0.3869,

0.3338

0.3548

356.6911, 0.3239,
0.3335

0.1370, 0.6589,
0.3411

0.0000, 0.0000,
0.0000

58.9015, 0.3332,
0.3371

58.9015, 0.3332,
0.3371

51.1327, 0.3540,
0.3443

67.5788, 0.3158,
0.3303

44.2350, 0.3787,
0.3518

77.1850, 0.3012,
0.3240

38.1799, 0.4077,
0.3591

87.6762, 0.2897,
0.3194

32.9341, 0.4410,
0.3656

93.4946, 0.2900,
0.3289

■ 28.4624, 0.4779,
0.3705

■ 24.7266, 0.5165,
0.3726

■ 21.6850, 0.5538,
0.3708

■ 19.2912, 0.5855,
0.3647

■ 17.7968, 0.6054,
0.3575

Harmonies

Analogous

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



58.9015, 0.3294, 0.3281



58.9015, 0.3332, 0.3371



58.9015, 0.3314, 0.3441

Triad

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



58.9015, 0.3332, 0.3371



58.9015, 0.3042, 0.3388



58.9015, 0.3008, 0.3113

Complementary

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



58.9015, 0.3332, 0.3371



62.2116, 0.2943, 0.3208

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.



58.9015, 0.2943, 0.3137



58.9015, 0.3332, 0.3371



58.9015, 0.2963, 0.3296

Square

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



58.9015, 0.3332, 0.3371



58.9015, 0.3146, 0.3453



58.9015, 0.2927, 0.3204



58.9015, 0.3106, 0.3134

Rectangle

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



58.9015, 0.3332, 0.3371



58.9015, 0.3273, 0.3467



58.9015, 0.2927, 0.3204



58.9015, 0.2982, 0.3116

Sweetspot

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



58.9041, 0.3332, 0.3371



94.6886, 0.3191, 0.3317



56.6878, 0.3193, 0.3073



20.0587, 0.3204, 0.3322



0.0000, 0.0000, 0.0000



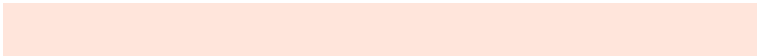
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.9041, 0.3332, 0.3371



82.3554, 0.3374, 0.3386



65.0840, 0.3314, 0.3517



13.6163, 0.3285, 0.3353



10.9207, 0.6029, 0.3595



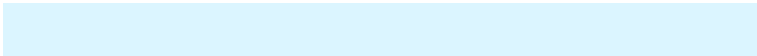
0.8488, 0.5706, 0.3852

Inverse Universe

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



62.2116, 0.2943, 0.3208



87.8937, 0.2910, 0.3192



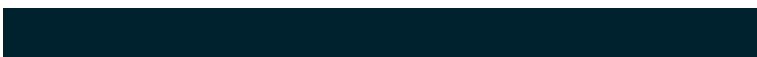
56.0673, 0.2940, 0.3052



14.2085, 0.2982, 0.3226



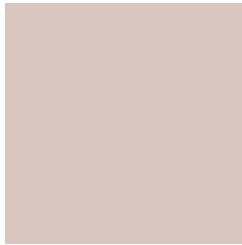
18.1935, 0.2000, 0.2400



1.3178, 0.2045, 0.2562

Previews

White Background



This preview shows how the Yxy color 58.9015, 0.3332, 0.3371 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 58.9015, 0.3332, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

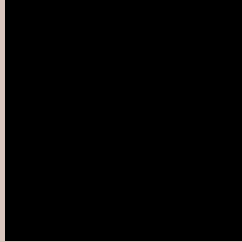
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9015, 0.3332, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 58.9015, 0.3332, 0.3371.



This preview shows how white text looks on a background with the Yxy color 58.9015, 0.3332, 0.3371.

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

58.9015, 0.3332, 0.3371

Protanopia

59.0334, 0.3241, 0.3384

Deuteranopia

58.8435, 0.3395, 0.3325



Tritanopia

58.8990, 0.3215, 0.3121

Trichromacy



Original Color

58.9015, 0.3332, 0.3371

Protanomaly

58.9632, 0.3273, 0.3384

Deuteranomaly

58.8152, 0.3368, 0.3336

Tritanomaly

58.8517, 0.3259, 0.3211

Monochromacy



Original Color

58.9015, 0.3332, 0.3371

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3067, 0.3196, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9015, 0.3332, 0.3371 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(217, 198, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 191)  
}
```

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(217, 198, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 191) }
```

Border

The CSS property to change the border of an element to Yxy 58.9015, 0.3332, 0.3371 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(217, 198, 191) }
```

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

```
.border{ border-color:rgb(217, 198, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 198, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9015, 0.3332, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 191) }
```

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

```
.background{ background-color: rgb(217,  
198, 191) }
```

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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