

Converting Colors

$Yxy(59.2765, 0.3232, 0.3325)$

Have a look what the booklet for
Yxy(59.2765, 0.3232, 0.3325)
contains.

Yxy(59.1887, 0.3236, 0.3325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.1887, 0.3236, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	D3C8C5
RGB	211, 200, 197
RGB Percent	83%, 78%, 77%
CMY	0.1724, 0.2157, 0.2274
CMYK	0.00, 0.05, 0.07, 0.17
HSL	13°, 14%, 80%
HSV	13°, 7%, 83%
XYZ	57.6044, 59.1887, 61.2180
YIQ	202.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

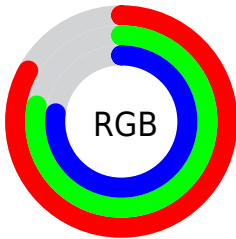
Format	Color
R _Y B	211, 201, 197
Decimal	13879493
CIE Lab	81.40, 3.32, 2.85
CIE LCh	81, 4.381, 40.623
Yxy	59.1887, 0.3236, 0.3325
Android (android.graphics.Color)	4292069573 (0xFFD3C8C5)
YUV	202.9470, -2.9319, 7.0625
Hunter-Lab	76.9342, -0.9831, 6.6757

Details

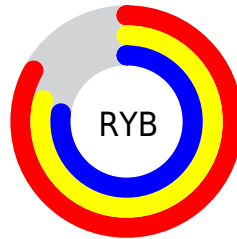
The Yxy color **59.1887, 0.3236, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7144, 0.3025, 0.3255**, and the grayscale version is **59.7055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **29.6089, 0.3262, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **51.0078, 0.3428, 0.3381**, and if you desaturate by 10%, it is **68.3467, 0.3077, 0.3273**.

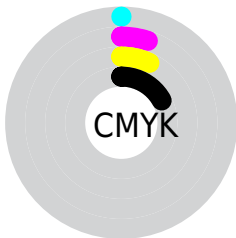
Distribution



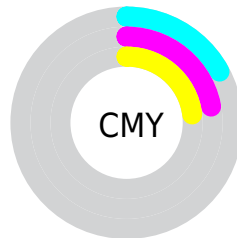
- Red (83%)
- Green (78%)
- Blue (77%)



- Red (83%)
- Yellow (79%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1887, 0.3236, 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 59.1887, 0.3236, 0.3325 by changing the saturation by 10% instead.

■ 59.1887, 0.3236,
0.3325

■ 59.1887, 0.3236,
0.3325

421.6008, 0.3184,
0.3309

■ 42.7650, 0.3249,
0.3329

103.6519, 0.3217,
0.3319

■ 29.7008, 0.3264,
0.3334

132.4602, 0.3210,
0.3317

■ 19.6116, 0.3285,
0.3340

166.1655, 0.3204,
0.3315

■ 12.1130, 0.3312,
0.3348

205.1522, 0.3199,
0.3313

■ 6.8207, 0.3352,
0.3360

249.8047, 0.3194,
0.3312

■ 3.3502, 0.3413,
0.3377

300.5073, 0.3190,

■ 1.3172, 0.3518,

0.3311

0.3406

357.6446, 0.3187,
0.3310

0.1545, 0.5961,
0.4039

0.0000, 0.0000,
0.0000

59.1887, 0.3236,
0.3325

59.1887, 0.3236,
0.3325

51.0078, 0.3428,
0.3381

68.3467, 0.3077,
0.3273

43.7639, 0.3659,
0.3440

78.5048, 0.2945,
0.3225

37.4258, 0.3935,
0.3499

89.3472, 0.2864,
0.3236

31.9573, 0.4259,
0.3555

92.5940, 0.2866,
0.3289

■ 27.3200, 0.4630,
0.3600

■ 23.4724, 0.5033,
0.3627

■ 20.3692, 0.5441,
0.3624

■ 17.9606, 0.5808,
0.3585

■ 16.1892, 0.6088,
0.3511

Harmonies

Analogous

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



59.1887, 0.3210, 0.3275



59.1887, 0.3236, 0.3325



59.1887, 0.3233, 0.3366

Triad

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



59.1887, 0.3236, 0.3325



59.1887, 0.3093, 0.3352



59.1887, 0.3054, 0.3194

Complementary

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



59.1887, 0.3236, 0.3325



61.7144, 0.3025, 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.



59.1887, 0.3023, 0.3214



59.1887, 0.3236, 0.3325



59.1887, 0.3045, 0.3305

Square

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



59.1887, 0.3236, 0.3325



59.1887, 0.3150, 0.3382



59.1887, 0.3020, 0.3254



59.1887, 0.3104, 0.3200

Rectangle

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



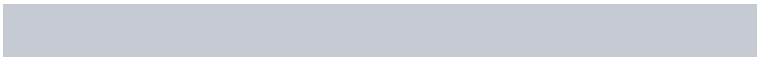
59.1887, 0.3236, 0.3325



59.1887, 0.3214, 0.3383



59.1887, 0.3020, 0.3254



59.1887, 0.3041, 0.3198

Sweetspot

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



59.1913, 0.3236, 0.3325



97.1405, 0.3159, 0.3300



58.3573, 0.3155, 0.3161



20.8221, 0.3157, 0.3300



0.0000, 0.0000, 0.0000



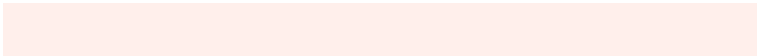
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1913, 0.3236, 0.3325



88.9316, 0.3261, 0.3333



62.4280, 0.3229, 0.3404



12.2098, 0.3285, 0.3340



9.6066, 0.6143, 0.3505



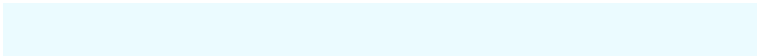
0.6556, 0.5784, 0.3790

Inverse Universe

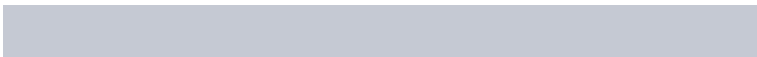
The Inverse Universe completely reimagines the original color for something new.



61.7144, 0.3025, 0.3255



93.5978, 0.3003, 0.3247



58.4521, 0.3026, 0.3174



12.9625, 0.2983, 0.3239



19.4808, 0.2055, 0.2596



1.1985, 0.2094, 0.2738

Previews

White Background



This preview shows how the Yxy color 59.1887, 0.3236, 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 59.1887, 0.3236, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

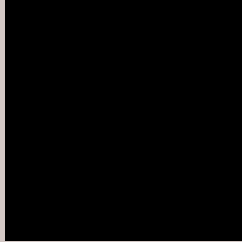
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

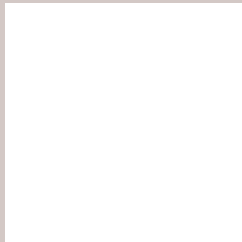
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1887, 0.3236, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 59.1887, 0.3236, 0.3325.



This preview shows how white text looks on a background with the Yxy color 59.1887, 0.3236, 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

59.1887, 0.3236, 0.3325

Protanopia

59.1159, 0.3196, 0.3325

Deuteranopia

59.2450, 0.3330, 0.3268



Tritanopia

59.3384, 0.3135, 0.3119

Trichromacy



Original Color

59.1887, 0.3236, 0.3325

Protanomaly

59.2604, 0.3204, 0.3325

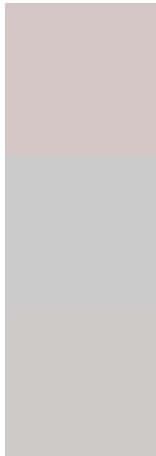
Deuteranomaly

59.0698, 0.3296, 0.3279

Tritanomaly

59.3489, 0.3171, 0.3198

Monochromacy



Original Color

59.1887, 0.3236, 0.3325

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5799, 0.3165, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1887, 0.3236, 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(211, 200, 197) looks like.

```
.text, #text, p{  
    color:rgb(211, 200, 197)  
}
```

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(211, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 200, 197) }
```

Border

The CSS property to change the border of an element to Yxy 59.1887, 0.3236, 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(211, 200, 197) }
```

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

```
.border{ border-color:rgb(211, 200, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 200, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(211, 200,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1887, 0.3236, 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(211, 200, 197) }
```

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

```
.background{ background-color: rgb(211,  
200, 197) }
```

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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