

Converting Colors

Yxy(59.5476, 0.3267, 0.3336)

Have a look what the booklet for
Yxy(59.5476, 0.3267, 0.3336)
contains.

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Color

Yxy(59.5902, 0.3267, 0.3337)

Conversions

Conversions Part 1	
Format	Color
Hex	D6C8C4
RGB	214, 200, 196
RGB Percent	84%, 78%, 77%
CMY	0.1609, 0.2156, 0.2314
CMYK	0.00, 0.07, 0.08, 0.16
HSL	13°, 18%, 80%
HSV	13°, 8%, 84%
XYZ	58.3402, 59.5902, 60.6438
YIQ	203.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

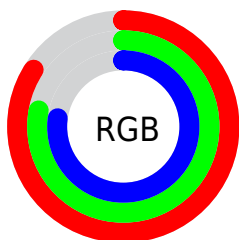
Format	Color
RYB	214, 201, 196
Decimal	14076100
CIELab	81.61, 4.17, 3.75
CIELCh	82, 5.609, 41.943
Yxy	59.5902, 0.3267, 0.3337
Android (android.graphics.Color)	4292266180 (0xFFD6C8C4)
YUV	203.7300, -3.8109, 9.0068
Hunter-Lab	77.1947, -0.1886, 7.4583

Details

The Yxy color $59.5902, 0.3267, 0.3337$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.6471, 0.2998, 0.3243$, and the grayscale version is $60.2225, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.8718, 0.3139, 0.3309$, and $29.8817, 0.3305, 0.3352$ is the 20% darker color. If you saturate the color by 10%, you get $51.4104, 0.3465, 0.3397$, and if you desaturate by 10%, it is $68.7489, 0.3103, 0.3281$.

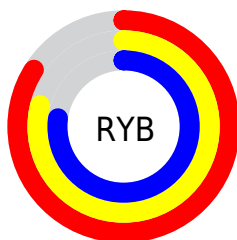
Distribution



Red (84%)

Green (78%)

Blue (77%)



Red (84%)

Yellow (79%)

Blue (77%)

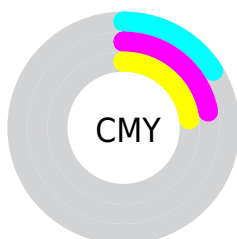


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (16%)



Cyan (16%)

Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5902, 0.3267, 0.3337 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 59.5902, 0.3267, 0.3337 by changing the saturation by 10% instead.


 59.5902, 0.3267,
0.3337

 59.5902, 0.3267,
0.3337


423.0856, 0.3200,
0.3315

 43.0884, 0.3283,
0.3342


104.2350, 0.3243,
0.3329

 29.9545, 0.3303,
0.3349


133.1467, 0.3234,
0.3326

 19.8040, 0.3330,
0.3357


166.9640, 0.3226,
0.3324

 12.2527, 0.3365,
0.3368

206.0710, 0.3219,
0.3321

 6.9160, 0.3415,
0.3383

250.8523, 0.3214,
0.3320

 3.4096, 0.3493,
0.3405


301.6923, 0.3208,

 1.3491, 0.3628,

0.3318


0.3442


358.9752, 0.3204,
0.3316


 0.1788, 0.6032,
0.3968


 0.0000, 0.0000,
0.0000


 59.5902, 0.3267,
0.3337


 59.5902, 0.3267,
0.3337


 51.4104, 0.3465,
0.3397


 68.7489, 0.3103,
0.3281


 44.1692, 0.3702,
0.3459


 78.9096, 0.2967,
0.3230


 37.8351, 0.3984,
0.3521


 89.7662, 0.2880,
0.3236


 32.3719, 0.4315,
0.3579

 93.0306, 0.2883,
0.3289

 27.7408, 0.4689,
0.3624

 23.8999, 0.5091,
0.3648

 20.8038, 0.5490,
0.3640

 18.4019, 0.5843,
0.3594

 16.6338, 0.6108,
0.3515

Harmonies

Analogous

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



59.5902, 0.3235, 0.3274



59.5902, 0.3267, 0.3337



59.5902, 0.3261, 0.3389

Triad

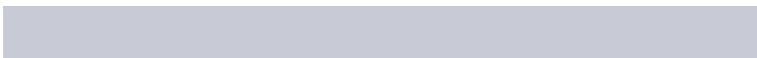
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.5902, 0.3267, 0.3337



59.5902, 0.3080, 0.3367



59.5902, 0.3035, 0.3167

Complementary

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



59.5902, 0.3267, 0.3337



62.6471, 0.2998, 0.3243

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.



59.5902, 0.2995, 0.3190



59.5902, 0.3267, 0.3337



59.5902, 0.3020, 0.3305

Square

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



59.5902, 0.3267, 0.3337



59.5902, 0.3152, 0.3407



59.5902, 0.2990, 0.3241



59.5902, 0.3101, 0.3177

Rectangle

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



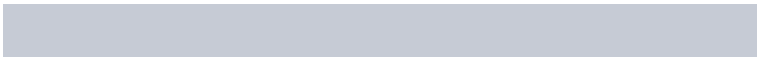
59.5902, 0.3267, 0.3337



59.5902, 0.3236, 0.3410



59.5902, 0.2990, 0.3241



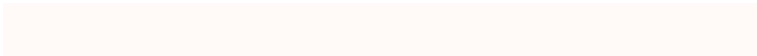
59.5902, 0.3019, 0.3172

Sweetspot

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



59.5928, 0.3267, 0.3337



95.7889, 0.3175, 0.3307



58.4216, 0.3165, 0.3129



20.2668, 0.3188, 0.3311



0.0000, 0.0000, 0.0000



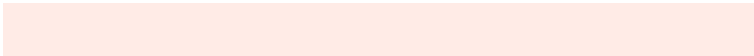
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5928, 0.3267, 0.3337



86.4868, 0.3298, 0.3347



63.8128, 0.3257, 0.3438



12.8680, 0.3286, 0.3343



10.0473, 0.6121, 0.3522



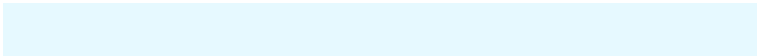
0.7322, 0.5781, 0.3791

Inverse Universe

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



62.6471, 0.2998, 0.3243



91.8861, 0.2972, 0.3232



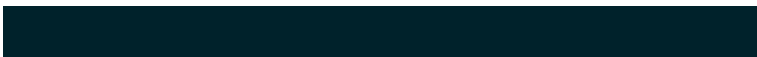
58.3984, 0.2998, 0.3138



13.6135, 0.2982, 0.3236



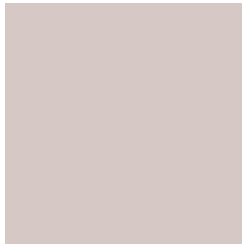
19.5836, 0.2043, 0.2555



1.3000, 0.2082, 0.2696

Previews

White Background



This preview shows how the Yxy color 59.5902, 0.3267, 0.3337 looks on a white background.

Color Contrast Check

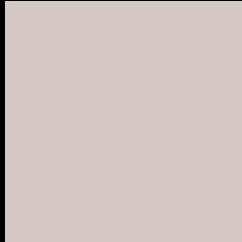
Large Text (above 18pt) WCAG AA × Fail

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 59.5902, 0.3267, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

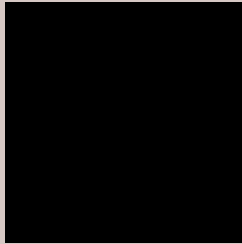
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5902, 0.3267, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 59.5902, 0.3267, 0.3337.



This preview shows how white text looks on a background with the Yxy color 59.5902, 0.3267, 0.3337.

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

59.5902, 0.3267, 0.3337

Protanopia

59.6822, 0.3210, 0.3349

Deuteranopia

59.5186, 0.3354, 0.3279



Tritanopia

59.3355, 0.3159, 0.3109

Trichromacy



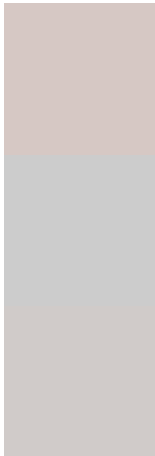
Original Color
59.5902, 0.3267, 0.3337

Protanomaly
59.5061, 0.3227, 0.3337

Deuteranomaly
59.3359, 0.3320, 0.3291

Tritanomaly
59.3402, 0.3195, 0.3187

Monochromacy



Original Color
59.5902, 0.3267, 0.3337

Achromatopsia
60.3827, 0.3127, 0.3290

Achromatomaly
60.3388, 0.3180, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5902, 0.3267, 0.3337 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(214, 200, 196) looks like.

```
.text, #text, p{  
    color:rgb(214, 200, 196)  
}
```

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(214, 200, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 200, 196) }
```

Border

The CSS property to change the border of an element to Yxy 59.5902, 0.3267, 0.3337 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(214, 200, 196) }
```

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

```
.border{ border-color:rgb(214, 200, 196) }
```

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

Here you see how a box with a 4 pixel rgb(214, 200, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 200, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 200, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 200,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5902, 0.3267, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 200, 196) }
```

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

```
.background{ background-color: rgb(214,  
200, 196) }
```

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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