

Converting Colors

$Yxy(60.2982, 0.3236, 0.3150)$

Have a look what the booklet for
Yxy(60.2982, 0.3236, 0.3150)
contains.

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Color

Yxy(60.2736, 0.3237, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	DFC5D2
RGB	223, 197, 210
RGB Percent	87%, 77%, 82%
CMY	0.1254, 0.2275, 0.1765
CMYK	0.00, 0.12, 0.06, 0.13
HSL	330°, 29%, 82%
HSV	330°, 12%, 87%
XYZ	62.0368, 60.2736, 69.3386
YIQ	206.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

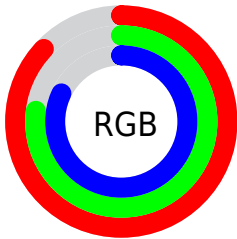
Format	Color
R _Y B	223, 197, 210
Decimal	14665170
CIE Lab	81.99, 11.36, -3.13
CIE LCh	82, 11.783, 344.616
Yxy	60.2736, 0.3237, 0.3145
Android (android.graphics.Color)	4292855250 (0xFFDFC5D2)
YUV	206.2560, 1.8458, 14.6845
Hunter-Lab	77.6361, 6.7711, 1.3920

Details

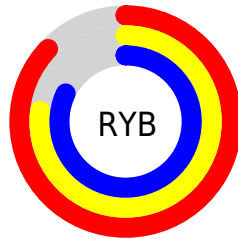
The Yxy color **60.2736, 0.3237, 0.3145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3139, 0.3030, 0.3440**, and the grayscale version is **61.8798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.3701, 0.3263, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **50.3493, 0.3352, 0.3014**, and if you desaturate by 10%, it is **71.7404, 0.3141, 0.3270**.

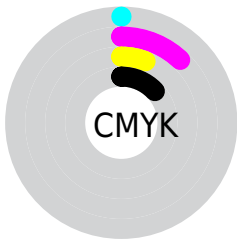
Distribution



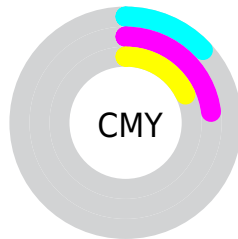
- Red (87%)
- Green (77%)
- Blue (82%)



- Red (87%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (13%)




- Cyan (13%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2736, 0.3237, 0.3145 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 60.2736, 0.3237, 0.3145 by changing the saturation by 10% instead.

 60.2736, 0.3237,
0.3145

 60.2736, 0.3237,
0.3145


425.6055, 0.3185,
0.3214

 43.6392, 0.3249,
0.3129


105.2265, 0.3219,
0.3169

 30.3870, 0.3265,
0.3109


134.3137, 0.3212,
0.3178

 20.1325, 0.3284,
0.3083


168.3207, 0.3206,
0.3186

 12.4914, 0.3311,
0.3049

207.6318, 0.3200,
0.3193

 7.0793, 0.3348,
0.3000

252.6315, 0.3196,
0.3199

 3.5117, 0.3404,
0.2929

303.7040, 0.3192,

 1.4044, 0.3498,

0.3205

0.2809

361.2339, 0.3188,
0.3209

0.2199, 0.4177,
0.1889

0.0000, 0.0000,
0.0000

60.2736, 0.3237,
0.3145

60.2736, 0.3237,
0.3145

50.3493, 0.3352,
0.3014

71.7404, 0.3141,
0.3270

41.8931, 0.3490,
0.2880

84.8039, 0.3063,
0.3387

34.8365, 0.3653,
0.2748

93.7123, 0.2997,
0.3407

29.1023, 0.3843,
0.2625

94.4089, 0.2937,
0.3293

■ 24.6057, 0.4059,
0.2523

■ 94.4323, 0.2935,
0.3289

■ 21.2521, 0.4295,
0.2454

■ 18.9328, 0.4542,
0.2430

■ 17.5179, 0.4789,
0.2460

■ 16.8499, 0.4987,
0.2521

Harmonies

Analogous

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



60.2736, 0.3084, 0.3061



60.2736, 0.3237, 0.3145



60.2736, 0.3362, 0.3266

Triad

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



60.2736, 0.3237, 0.3145



60.2736, 0.3307, 0.3554



60.2736, 0.2840, 0.3173

Complementary

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



60.2736, 0.3237, 0.3145



69.3139, 0.3030, 0.3440

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.



60.2736, 0.2896, 0.3308



60.2736, 0.3237, 0.3145



60.2736, 0.3165, 0.3533

Square

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



60.2736, 0.3237, 0.3145



60.2736, 0.3403, 0.3502



60.2736, 0.3015, 0.3442



60.2736, 0.2857, 0.3074

Rectangle

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



60.2736, 0.3237, 0.3145



60.2736, 0.3412, 0.3354



60.2736, 0.3015, 0.3442



60.2736, 0.2851, 0.3215

Sweetspot

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



60.2762, 0.3237, 0.3145



93.3395, 0.3162, 0.3241



58.9631, 0.3041, 0.2995



19.7188, 0.3169, 0.3232



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.



60.2762, 0.3237, 0.3145



78.2023, 0.3263, 0.3114



59.6539, 0.3336, 0.3291



13.8142, 0.3214, 0.3173



9.9276, 0.4953, 0.2502



0.7062, 0.4612, 0.2314

Inverse Universe

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



60.2762, 0.3237, 0.3145



78.2023, 0.3263, 0.3114



69.9890, 0.2949, 0.3289



13.8142, 0.3214, 0.3173



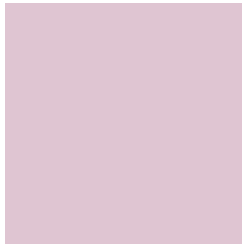
9.9276, 0.4953, 0.2502



0.7062, 0.4612, 0.2314

Previews

White Background



This preview shows how the Yxy color 60.2736, 0.3237, 0.3145 looks on a white background.

Color Contrast Check

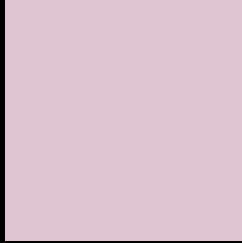
Large Text (above 18pt) WCAG AA × Fail

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 60.2736, 0.3237, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

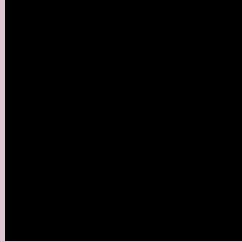
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2736, 0.3237, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 60.2736, 0.3237, 0.3145.



This preview shows how white text looks on a background with the Yxy color 60.2736, 0.3237, 0.3145.

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

60.2736, 0.3237, 0.3145

Protanopia

60.4951, 0.3072, 0.3174

Deuteranopia

60.4135, 0.3220, 0.3156



Tritanopia

60.3739, 0.3222, 0.3123

Trichromacy



Original Color

60.2736, 0.3237, 0.3145

Protanomaly

60.5238, 0.3133, 0.3165

Deuteranomaly

60.5709, 0.3228, 0.3156

Tritanomaly

60.3236, 0.3229, 0.3134

Monochromacy



Original Color

60.2736, 0.3237, 0.3145

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.2139, 0.3168, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2736, 0.3237, 0.3145 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(223, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(223, 197, 210)  
}
```

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(223, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 197, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.2736, 0.3237, 0.3145 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(223, 197, 210) }
```

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

```
.border{ border-color:rgb(223, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(223, 197,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2736, 0.3237, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 197, 210) }
```

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

```
.background{ background-color: rgb(223,  
197, 210) }
```

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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