

Converting Colors

Yxy(60.2013, 0.3068, 0.3139)

Have a look what the booklet for
Yxy(60.2013, 0.3068, 0.3139)
contains.

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Color

Yxy(60.2692, 0.3066, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	CECAD7
RGB	206, 202, 215
RGB Percent	81%, 79%, 84%
CMY	0.1920, 0.2079, 0.1569
CMYK	0.04, 0.06, 0.00, 0.16
HSL	259°, 14%, 82%
HSV	259°, 6%, 84%
XYZ	58.8488, 60.2692, 72.8221
YIQ	204.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

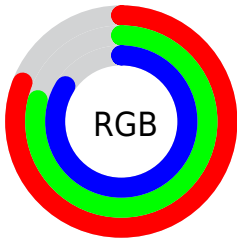
Format	Color
R _Y B	206, 202, 215
Decimal	13552343
CIE Lab	81.98, 3.81, -5.96
CIE LCh	82, 7.078, 302.576
Yxy	60.2692, 0.3066, 0.3140
Android (android.graphics.Color)	4291742423 (0xFFCECAD7)
YUV	204.6780, 5.0887, 1.1594
Hunter-Lab	77.6332, -0.5486, -1.2724

Details

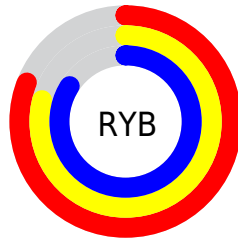
The Yxy color **60.2692, 0.3066, 0.3140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7074, 0.3186, 0.3438**, and the grayscale version is **60.8082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3933, 0.3055, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **48.8555, 0.2952, 0.2871**, and if you desaturate by 10%, it is **73.2932, 0.3164, 0.3383**.

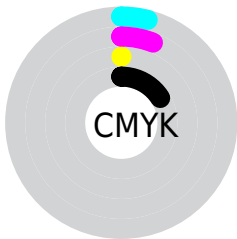
Distribution



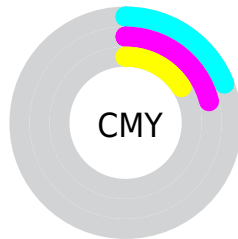
- Red (81%)
- Green (79%)
- Blue (84%)



- Red (81%)
- Yellow (79%)
- Blue (84%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2692, 0.3066, 0.3140 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 60.2692, 0.3066, 0.3140 by changing the saturation by 10% instead.

■ 60.2692, 0.3066,
0.3140

■ 60.2692, 0.3066,
0.3140

425.5893, 0.3096,
0.3211

■ 43.6357, 0.3059,
0.3123

105.2201, 0.3076,
0.3165

■ 30.3842, 0.3050,
0.3102

134.3062, 0.3080,
0.3175

■ 20.1304, 0.3039,
0.3075

168.3120, 0.3084,
0.3183

■ 12.4898, 0.3023,
0.3039

207.6218, 0.3087,
0.3190

■ 7.0782, 0.3001,
0.2989

252.6200, 0.3089,
0.3196

■ 3.5111, 0.2967,
0.2913

303.6911, 0.3092,

■ 1.4040, 0.2908,

0.3202

0.2787

361.2194, 0.3094,
0.3207

0.2197, 0.2563,
0.1865

0.0000, 0.0000,
0.0000

60.2692, 0.3066,
0.3140

60.2692, 0.3066,
0.3140

48.8555, 0.2952,
0.2871

73.2932, 0.3164,
0.3383

38.9810, 0.2822,
0.2578

87.9795, 0.3248,
0.3599

30.5810, 0.2675,
0.2266

96.8342, 0.3334,
0.3685

23.5827, 0.2515,
0.1944

97.6864, 0.3364,
0.3681

■ 17.9073, 0.2346,
0.1626

■ 13.4679, 0.2175,
0.1331

■ 10.1668, 0.2012,
0.1077

■ 7.8907, 0.1867,
0.0881

■ 6.5001, 0.1748,
0.0753

Harmonies

Analogous

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



60.2692, 0.2992, 0.3141



60.2692, 0.3066, 0.3140



60.2692, 0.3157, 0.3178

Triad

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



60.2692, 0.3066, 0.3140



60.2692, 0.3303, 0.3396



60.2692, 0.3013, 0.3335

Complementary

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



60.2692, 0.3066, 0.3140



66.7074, 0.3186, 0.3438

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.



60.2692, 0.3095, 0.3406



60.2692, 0.3066, 0.3140



60.2692, 0.3263, 0.3441

Square

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



60.2692, 0.3066, 0.3140



60.2692, 0.3295, 0.3324



60.2692, 0.3187, 0.3445



60.2692, 0.2962, 0.3252

Rectangle

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



60.2692, 0.3066, 0.3140



60.2692, 0.3216, 0.3220



60.2692, 0.3187, 0.3445



60.2692, 0.3038, 0.3361

Sweetspot

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



60.2718, 0.3066, 0.3140



96.1292, 0.3107, 0.3241



64.0996, 0.3034, 0.3245



20.6162, 0.3108, 0.3244



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.



60.2718, 0.3066, 0.3140



86.8785, 0.3055, 0.3114



61.2002, 0.3114, 0.3142



12.6772, 0.3050, 0.3102



3.6974, 0.1721, 0.0722



0.2664, 0.1913, 0.0827

Inverse Universe

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



61.3852, 0.3163, 0.3189



88.7823, 0.3170, 0.3171



65.7874, 0.3139, 0.3440



12.9755, 0.3173, 0.3163



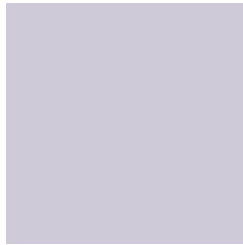
9.9403, 0.4183, 0.2078



0.6141, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 60.2692, 0.3066, 0.3140 looks on a white background.

Color Contrast Check

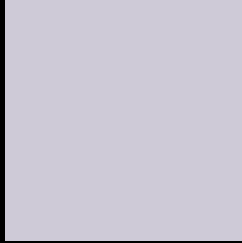
Large Text (above 18pt) WCAG AA × Fail

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 60.2692, 0.3066, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

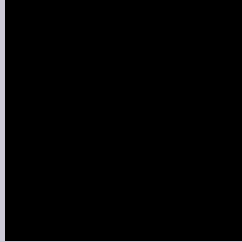
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

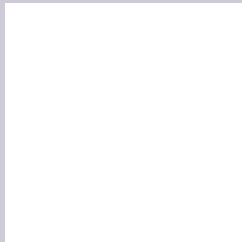
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2692, 0.3066, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 60.2692, 0.3066, 0.3140.

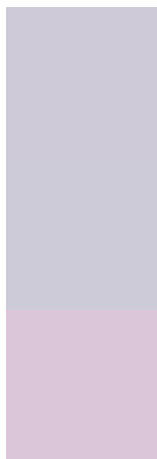


This preview shows how white text looks on a background with the Yxy color 60.2692, 0.3066, 0.3140.

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

60.2692, 0.3066, 0.3140

Protanopia

60.4555, 0.3050, 0.3151

Deuteranopia

60.2515, 0.3152, 0.3088



Tritanopia

60.4248, 0.3045, 0.3106

Trichromacy



Original Color

60.2692, 0.3066, 0.3140

Protanomaly

60.5973, 0.3058, 0.3151

Deuteranomaly

60.1009, 0.3121, 0.3098

Tritanomaly

60.3726, 0.3052, 0.3118

Monochromacy



Original Color

60.2692, 0.3066, 0.3140

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7683, 0.3099, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2692, 0.3066, 0.3140 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(206, 202, 215)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 215)  
}
```

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(206, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 215) }
```

Border

The CSS property to change the border of an element to Yxy 60.2692, 0.3066, 0.3140 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(206, 202, 215) }
```

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

```
.border{ border-color:rgb(206, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2692, 0.3066, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 215) }
```

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

```
.background{ background-color: rgb(206,  
202, 215) }
```

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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