

Converting Colors

$Y_{xy}(30.7661, 0.3186, 0.2515)$

Have a look what the booklet for
Yxy(30.7661, 0.3186, 0.2515)
contains.

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Color

Yxy(30.6247, 0.3185, 0.2508)

Conversions

Conversions Part 1

Format	Color
Hex	C081BE
RGB	192, 129, 190
RGB Percent	75%, 51%, 75%
CMY	0.2469, 0.4942, 0.2548
CMYK	0.00, 0.33, 0.01, 0.25
HSL	302°, 33%, 63%
HSV	302°, 33%, 75%
XYZ	38.8914, 30.6247, 52.5919
YIQ	154.7910, 17.9670, 32.3270

Conversions

Conversions Part 2

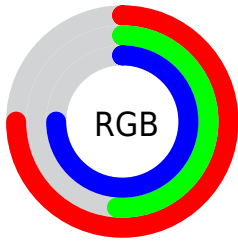
Format	Color
R _Y B	192, 129, 190
Decimal	12616126
CIE _{Lab}	62.19, 34.18, -22.11
CIE _{LCh}	62, 40.706, 327.097
Yxy	30.6247, 0.3185, 0.2508
Android (android.graphics.Color)	4290806206 (0xFFC081BE)
YUV	154.7910, 17.3580, 32.6323
Hunter-Lab	55.3396, 28.6015, -17.6085

Details

The Yxy color **30.6247, 0.3185, 0.2508** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.0188, 0.3068, 0.4220**, and the grayscale version is **32.5983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6605, 0.3181, 0.2656**, and **12.5447, 0.3189, 0.2288** is the 20% darker color. If you saturate the color by 10%, you get **26.0077, 0.3204, 0.2281**, and if you desaturate by 10%, it is **36.1952, 0.3166, 0.2746**.

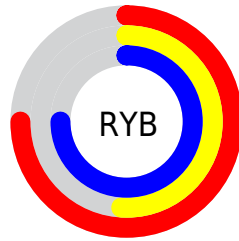
Distribution



Red (75%)

Green (51%)

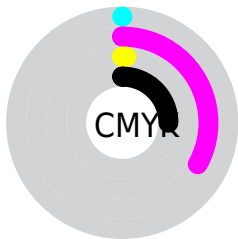
Blue (75%)



Red (75%)

Yellow (51%)

Blue (75%)

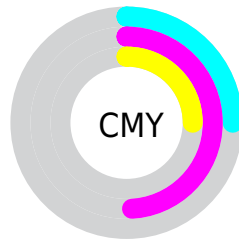


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (25%)



Cyan (25%)


Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6247, 0.3185, 0.2508 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 30.6247, 0.3185, 0.2508 by changing the saturation by 10% instead.


 30.6247, 0.3185,
0.2508


 30.6247, 0.3185,
0.2508


304.8056, 0.3164,
0.2900


 20.3132, 0.3187,
0.2411


 60.6487, 0.3180,
0.2650

 12.6229, 0.3188,
0.2287


 81.1300, 0.3177,
0.2704

 7.1694, 0.3186,
0.2123


 105.7701, 0.3174,
0.2749

 3.5683, 0.3177,
0.1898

134.9534, 0.3172,
0.2788

 1.4351, 0.3147,
0.1574

169.0641, 0.3170,
0.2821

 0.2424, 0.3183,
0.0711

208.4868, 0.3168,

 0.0000, 0.0202,

0.2851

0.0000

253.6058, 0.3166,
0.2877

0.0000, 0.0000,
0.0000

30.6247, 0.3185,
0.2508

30.6247, 0.3185,
0.2508

26.0077, 0.3204,
0.2281

36.1952, 0.3166,
0.2746

22.2866, 0.3223,
0.2075

42.7643, 0.3148,
0.2987

19.4043, 0.3241,
0.1898


50.3792, 0.3132,
0.3224


17.2950, 0.3257,
0.1759

59.0828, 0.3116,
0.3452


15.8834, 0.3271,
0.1662

68.9159, 0.3102,
0.3667

 15.0792, 0.3283,
0.1607

 79.9167, 0.3090,
0.3866

 14.7528, 0.3291,
0.1586

 86.6399, 0.3082,
0.3969

 86.6674, 0.3078,
0.3961

 86.6951, 0.3075,
0.3954

Harmonies

Analogous

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



30.6247, 0.2572, 0.2304



30.6247, 0.3185, 0.2508



30.6247, 0.3847, 0.2876

Triad

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



30.6247, 0.3185, 0.2508



30.6247, 0.4139, 0.4275



30.6247, 0.2061, 0.3050

Complementary

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



30.6247, 0.3185, 0.2508



44.0188, 0.3068, 0.4220

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.



30.6247, 0.2406, 0.3723



30.6247, 0.3185, 0.2508



30.6247, 0.3600, 0.4489

Square

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



30.6247, 0.3185, 0.2508



30.6247, 0.4418, 0.3842



30.6247, 0.2965, 0.4300



30.6247, 0.1978, 0.2551

Rectangle

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



30.6247, 0.3185, 0.2508



30.6247, 0.4197, 0.3182



30.6247, 0.2965, 0.4300



30.6247, 0.2148, 0.3265

Sweetspot

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



30.6261, 0.3185, 0.2508



80.9534, 0.3144, 0.3051



24.2520, 0.2556, 0.2332



16.9658, 0.3146, 0.3018



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.6261, 0.3185, 0.2508



49.6077, 0.3198, 0.2352



29.4263, 0.3515, 0.2882



10.2418, 0.3142, 0.3070



9.9254, 0.3289, 0.1586



0.4306, 0.3270, 0.1575

Inverse Universe

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



30.6261, 0.3185, 0.2508



49.6077, 0.3198, 0.2352



44.9734, 0.2861, 0.3741



10.2418, 0.3142, 0.3070



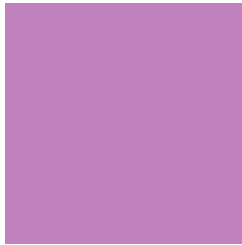
9.9254, 0.3289, 0.1586



0.4306, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 30.6247, 0.3185, 0.2508 looks on a white background.

Color Contrast Check

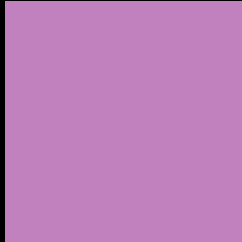
Large Text (above 18pt) WCAG AA × Fail

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 30.6247, 0.3185, 0.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

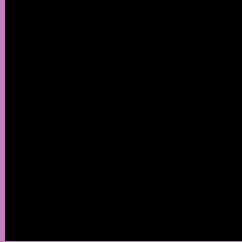
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6247, 0.3185, 0.2508

Background



This preview shows how black text looks on a background with the Yxy color 30.6247, 0.3185, 0.2508.



This preview shows how white text looks on a background with the Yxy color 30.6247, 0.3185, 0.2508.

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

30.6247, 0.3185, 0.2508

Protanopia

31.0536, 0.2543, 0.2486

Deuteranopia

30.9707, 0.2774, 0.2719



Tritanopia

30.4685, 0.3558, 0.3138

Trichromacy



Original Color

30.6247, 0.3185, 0.2508

Protanomaly

30.5841, 0.2745, 0.2483

Deuteranomaly

30.4671, 0.2909, 0.2630

Tritanomaly

30.3859, 0.3420, 0.2897

Monochromacy



Original Color

30.6247, 0.3185, 0.2508

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.7098, 0.3142, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6247, 0.3185, 0.2508 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(192, 129, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 129, 190)  
}
```

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(192, 129, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 129, 190) }
```

Border

The CSS property to change the border of an element to Yxy 30.6247, 0.3185, 0.2508 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(192, 129, 190) }
```

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

```
.border{ border-color:rgb(192, 129, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 129, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 129, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 129, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 129,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6247, 0.3185, 0.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 129, 190) }
```

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

```
.background{ background-color: rgb(192,  
129, 190) }
```

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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