

Converting Colors

Yxy(31.6624, 0.3182, 0.2534)

Have a look what the booklet for
Yxy(31.6624, 0.3182, 0.2534)
contains.

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Color

Yxy(31.6016, 0.3183, 0.2537)

Conversions

Conversions Part 1

Format	Color
Hex	C184BF
RGB	193, 132, 191
RGB Percent	76%, 52%, 75%
CMY	0.2432, 0.4823, 0.2509
CMYK	0.00, 0.32, 0.01, 0.24
HSL	302°, 33%, 64%
HSV	302°, 32%, 76%
XYZ	39.6484, 31.6016, 53.3129
YIQ	156.9650, 17.4170, 31.2810

Conversions

Conversions Part 2

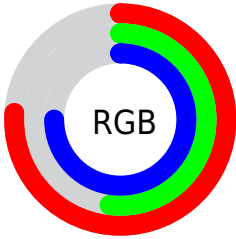
Format	Color
R_YB	193, 132, 191
Decimal	12682431
CIE _{Lab}	63.01, 33.02, -21.41
CIE _{LCh}	63, 39.355, 327.046
Yxy	31.6016, 0.3183, 0.2537
Android (android.graphics.Color)	4290872511 (0xFFC184BF)
YUV	156.9650, 16.7793, 31.6027
Hunter-Lab	56.2153, 27.5184, -16.8782

Details

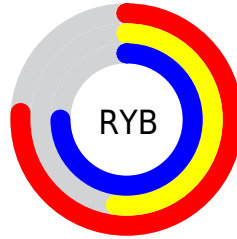
The Yxy color **31.6016, 0.3183, 0.2537** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7642, 0.3071, 0.4180**, and the grayscale version is **33.6187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1572, 0.3179, 0.2679**, and **13.0943, 0.3187, 0.2327** is the 20% darker color. If you saturate the color by 10%, you get **26.8164, 0.3202, 0.2308**, and if you desaturate by 10%, it is **37.3580, 0.3164, 0.2776**.

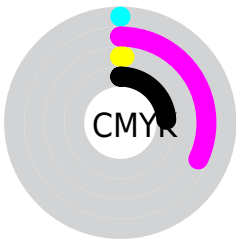
Distribution



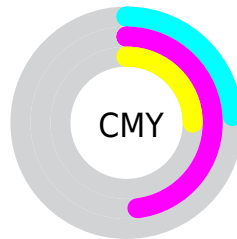
- Red (76%)
- Green (52%)
- Blue (75%)



- Red (76%)
- Yellow (52%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (24%)





- Cyan (24%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6016, 0.3183, 0.2537 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 31.6016, 0.3183, 0.2537 by changing the saturation by 10% instead.


 31.6016, 0.3183,
0.2537


 31.6016, 0.3183,
0.2537


309.3004, 0.3163,
0.2913


 21.0574, 0.3185,
0.2444


 62.1860, 0.3178,
0.2673

 13.1660, 0.3187,
0.2325


 82.9950, 0.3175,
0.2725

 7.5429, 0.3185,
0.2168


 107.9943, 0.3173,
0.2768

 3.8039, 0.3178,
0.1952

137.5684, 0.3170,
0.2805

 1.5645, 0.3152,
0.1642

172.1017, 0.3168,
0.2838

 0.3335, 0.3162,
0.0912

211.9785, 0.3166,


 0.0000, 0.0977,


0.2866


0.0000


257.5833, 0.3165,
0.2891


 0.0000, 0.0000,
0.0000


 31.6016, 0.3183,
0.2537


 31.6016, 0.3183,
0.2537


 26.8164, 0.3202,
0.2308

 37.3580, 0.3164,
0.2776


 22.9446, 0.3221,
0.2099


 44.1307, 0.3146,
0.3017

 19.9291, 0.3239,
0.1918

 51.9671, 0.3130,
0.3253

 17.7044, 0.3256,
0.1775

 60.9104, 0.3114,
0.3479

 16.1955, 0.3270,
0.1672

 71.0014, 0.3100,
0.3692

■ 15.3133, 0.3283,
0.1612

■ 82.2790, 0.3088,
0.3890

■ 14.9141, 0.3292,
0.1587

■ 86.8147, 0.3082,
0.3955

■ 86.8431, 0.3078,
0.3948

■ 86.8716, 0.3075,
0.3940

Harmonies

Analogous

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



31.6016, 0.2594, 0.2341



31.6016, 0.3183, 0.2537



31.6016, 0.3815, 0.2893

Triad

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



31.6016, 0.3183, 0.2537



31.6016, 0.4100, 0.4238



31.6016, 0.2103, 0.3065

Complementary

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



31.6016, 0.3183, 0.2537



44.7642, 0.3071, 0.4180

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.



31.6016, 0.2438, 0.3705



31.6016, 0.3183, 0.2537



31.6016, 0.3586, 0.4436

Square

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



31.6016, 0.3183, 0.2537



31.6016, 0.4365, 0.3825



31.6016, 0.2976, 0.4252



31.6016, 0.2021, 0.2584

Rectangle

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



31.6016, 0.3183, 0.2537



31.6016, 0.4150, 0.3188



31.6016, 0.2976, 0.4252



31.6016, 0.2187, 0.3270

Sweetspot

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



31.6030, 0.3183, 0.2537



82.3180, 0.3142, 0.3076



25.3418, 0.2580, 0.2373



17.2381, 0.3145, 0.3041



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.



31.6030, 0.3183, 0.2537



50.4324, 0.3196, 0.2375



30.4307, 0.3496, 0.2897



10.2417, 0.3143, 0.3070



9.9226, 0.3291, 0.1586



0.4305, 0.3271, 0.1576

Inverse Universe

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



31.6030, 0.3183, 0.2537



50.4324, 0.3196, 0.2375



45.7065, 0.2870, 0.3722



10.2417, 0.3143, 0.3070



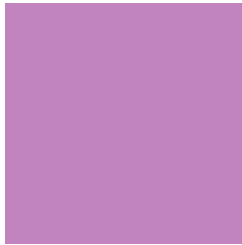
9.9226, 0.3291, 0.1586



0.4305, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 31.6016, 0.3183, 0.2537 looks on a white background.

Color Contrast Check

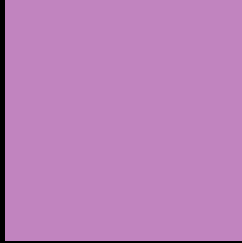
Large Text (above 18pt) WCAG AA × Fail

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 31.6016, 0.3183, 0.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

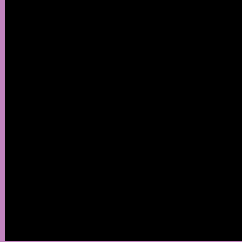
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6016, 0.3183, 0.2537

Background



This preview shows how black text looks on a background with the Yxy color 31.6016, 0.3183, 0.2537.



This preview shows how white text looks on a background with the Yxy color 31.6016, 0.3183, 0.2537.

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

31.6016, 0.3183, 0.2537

Protanopia

31.9443, 0.2570, 0.2521

Deuteranopia

31.9276, 0.2795, 0.2740



Tritanopia

31.6819, 0.3539, 0.3140

Trichromacy



Original Color

31.6016, 0.3183, 0.2537

Protanomaly

31.3857, 0.2765, 0.2516

Deuteranomaly

31.4260, 0.2930, 0.2651

Tritanomaly

31.5916, 0.3404, 0.2902

Monochromacy



Original Color

31.6016, 0.3183, 0.2537

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.5904, 0.3151, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6016, 0.3183, 0.2537 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(193, 132, 191)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 191)  
}
```

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(193, 132, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 191) }
```

Border

The CSS property to change the border of an element to Yxy 31.6016, 0.3183, 0.2537 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(193, 132, 191) }
```

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

```
.border{ border-color:rgb(193, 132, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 191);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6016, 0.3183, 0.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 191) }
```

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

```
.background{ background-color: rgb(193,  
132, 191) }
```

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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